

LIFE

BEAUTY AND WONDERS IN THE SKY

FIRST COLOR PICTURES OF NEBULAE

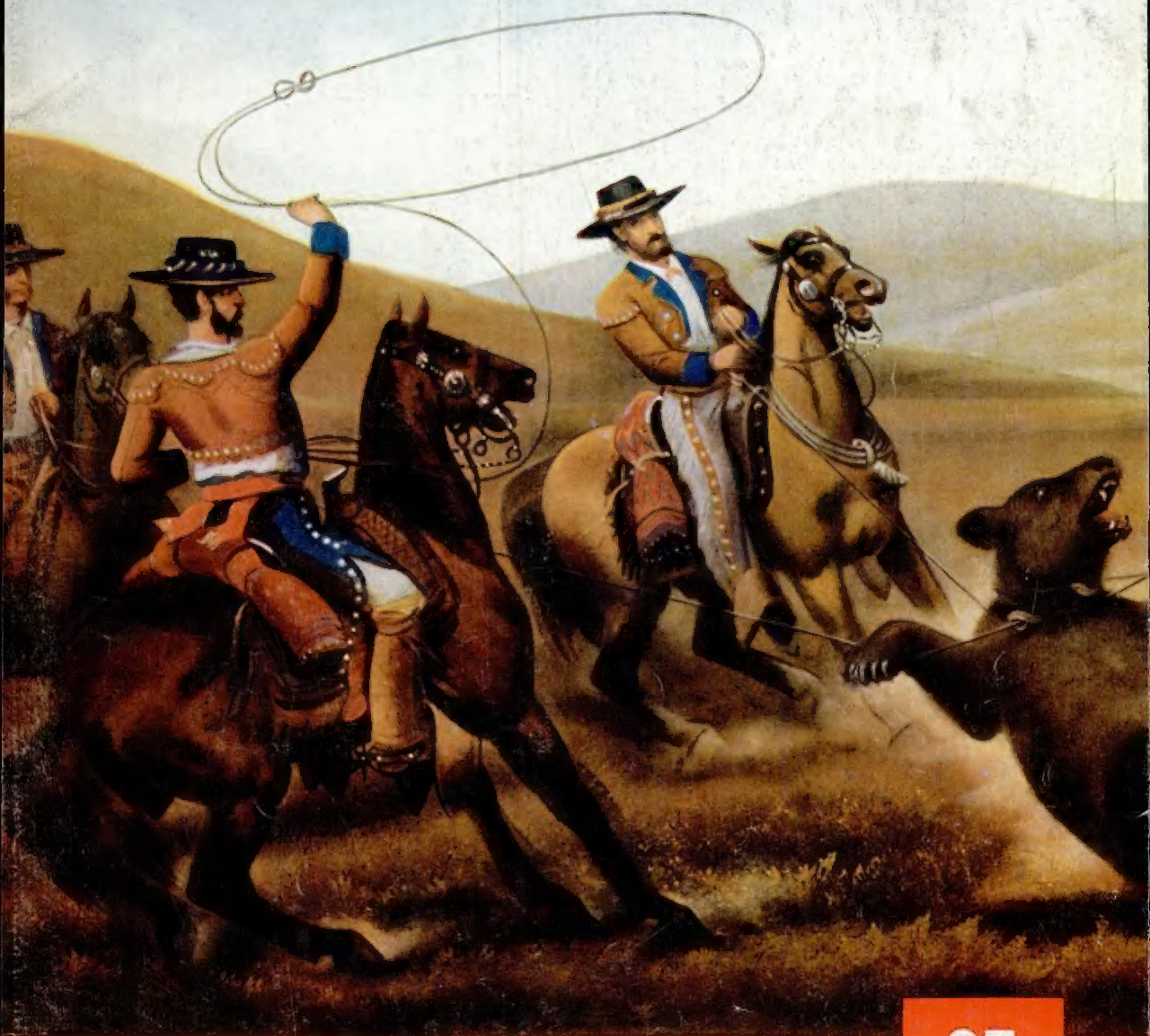


HOW THE WEST WAS WON: PART IV



ROBUST LIFE OF THE GOLD FIELDS

PLUS A DIARY WHICH IS A LITERARY FIND



DELIVER E M.P.G.

pickups!

Like this one, all the '59 Fords tested were 100% standard Sixes, down to the last bolt . . . identical to the Ford F-100 Styleside Pickups you'll see at your Ford Dealer's. And the price is low!



FORD PICKUPS

25.2% MORE

than average of 5 other leading

This is fact—Ford Six Pickups will run five days on the same amount of gas the average competitive pickup burns in four days!

The nation's leading independent automotive research organization proved it—and certifies it! The facts came to light in the greatest test of truck economy ever held—Economy Showdown USA.

All '59 pickups tested were standard 6-cylinder ½-ton models of the six leading makes, bought direct from dealers, broken in and tuned to manufacturer's specifications.

All were tested exactly the same—at 30, 45, and 60 mph, in city driving, and in stop-go work. When the findings were tabulated, here was the first accurate yardstick of truck economy—by make and by kinds of driving. And the outstanding fact was...

Ford *won every test!* Delivered 25.2% better gas mileage than the average of all other pickups!

A 25.2% edge! That's getting five days' driving from four days' gas! That's 25 miles *extra* for every 100 miles driven! If you drive 10,000 miles a year, you can save 129 gallons of gasoline.

How does Ford do it? What's Ford got that the others lack? Of all pickup Sixes, *only Ford* gives you a modern Short Stroke engine. Short Stroke design, by reducing piston travel and internal friction, puts more of the fuel's power to profitable use. And that means more miles per gallon than the same fuel can give you in a long-stroke engine.

And Ford takes still another step to stretch your gas mileage. The Ford Six has a new economy carburetor that meters fuel precisely in both low- and high-speed ranges to boost gas mileage in every type of driving. Modern Short Stroke engine, new economy carburetor—that's why Ford scored the best mileage in every event!

So here's your economy champ. And here's more. Don't forget the smooth ride it gives you, the comfort of its Driverized cab, the extra loadspace in its cab-wide box, its years of service . . . and a price tag that's down with the lowest.

Yes—everything's here in your '59 Ford . . . especially the 25.2% more miles per gallon that saves enough in four days to see it through the fifth! It's waiting for you now at your Ford Dealer's.

FREE! The full, factual report of the Economy Showdown findings... Write Ford Division, Ford Motor Co., P. O. Box 2687, Dept. A, Detroit 31, Mich., for your free copy... No obligation.

All tests
conducted and results
CERTIFIED
by America's foremost
independent automotive
research organization*

*NAME AVAILABLE ON REQUEST.

Send inquiry to: P. O. Box 2687
Ford Division, Ford Motor Company
Detroit 31, Michigan

FIRST at 30 mph! At this moderate speed where every pickup did well, Ford averaged 20.2% better than the rest!

FIRST at 45 mph! Ford's economy lead still holds. At this normal speed, Ford again gets 20% better mileage than the average!

FIRST at 60 mph! Mileage suffers at high speed, but not as much for Ford. Now Ford's lead is 22.1%!

FIRST in stop-go driving! In this, the worst kind of driving for good mileage, Ford averaged 24% more miles per gallon!

FIRST in simulated city driving! This is most nearly like actual on-the-job work, and here Ford leads by an amazing 42%!

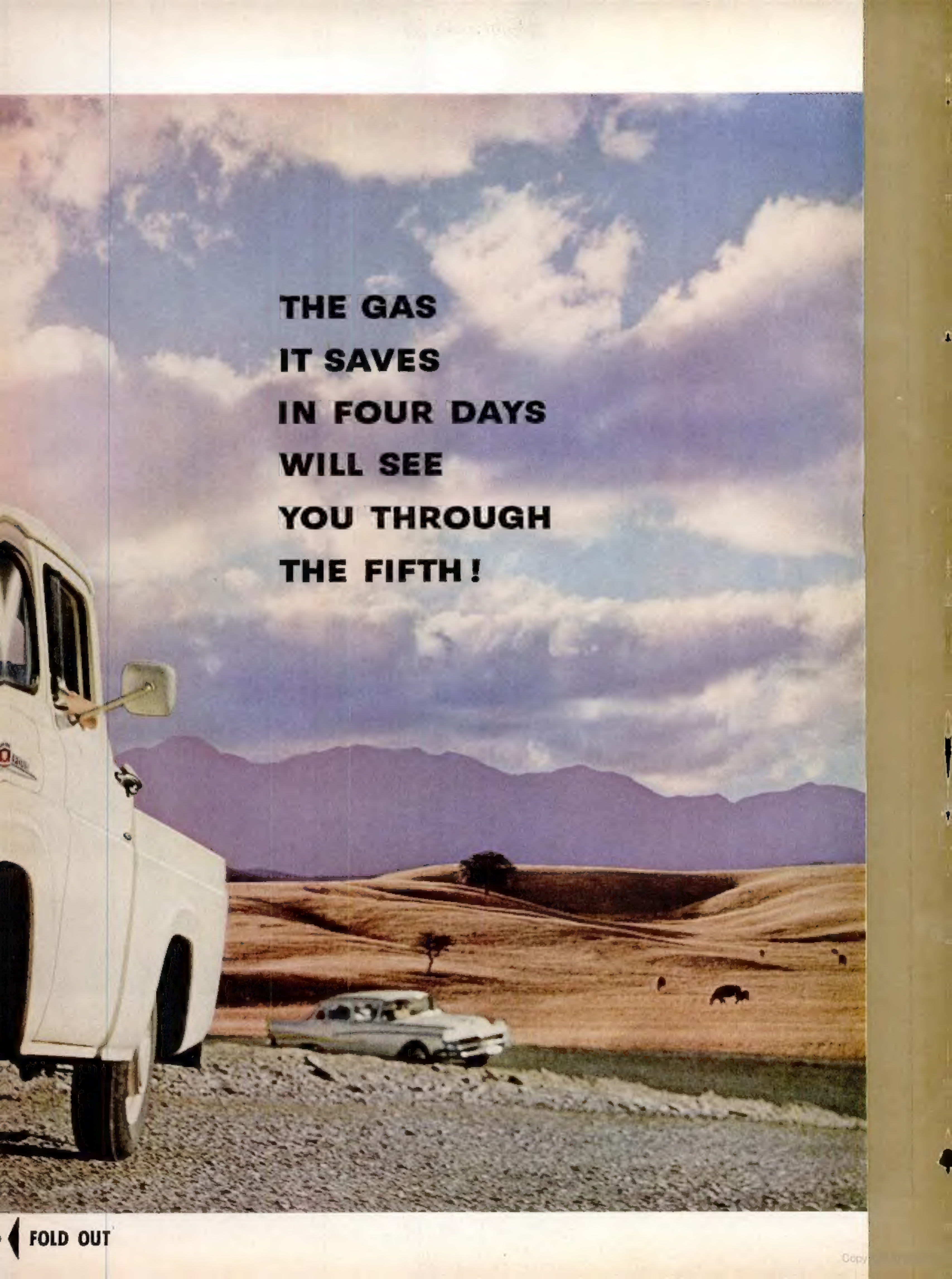
FIRST over all... Ford Pickups averaged 25.2% better gas mileage over all competition for *all events!*

Go FORD-WARD for economy


FORD TRUCKS COST LESS

LESS TO OWN... LESS TO RUN... LAST LONGER, TOO





**THE GAS
IT SAVES
IN FOUR DAYS
WILL SEE
YOU THROUGH
THE FIFTH!**

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Herbert Matter

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If you're like most fathers in their 20's or 30's, you're probably finding it rough on the family budget to give your wife and children the financial security you want them to have. New York Life's low premium Whole Life policy can be the answer. It assures your family immediate cash, if you should die . . . or promises you a lifetime income at retirement, if you wish.

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This One



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Wondrous colors in the night 22

The heavens as men have never seen them are shown in extraordinarily beautiful pictures from Palomar: the first accurate color photographs of stars and nebulae ever taken.



STARS' PHOTOGRAPHER

Bold men in days of gold 78

Tumbling into California, gold-hungry '49ers cut capers, commit crimes and civilize. Newly found diaries make this wild era live again in Part IV of LIFE's series on the West.



BIG BEAR IN CALIFORNIA

Prison's desperate 36 hours 30

Mutinous cons at Montana State Prison stage one of the most desperate Big House rebellions ever, holding 16 hostages. The toll after a 36-hour siege: a slain warden, two dead ringleaders.



RINGLEADERS AT BAY

Spring's budding gardeners 121

In new styles, with new gadgets, U.S. gardeners turn out in numbers greater than ever to dig, dream and ache—and know the satisfaction of making the good earth produce.



GARDEN ENTHUSIAST

A brilliant stage debut 137

Establishing himself as the finest of all Negro actors, Sidney Poitier scores a sensational triumph in *A Raisin in the Sun*, a Broadway hit written, directed and mostly acted by Negroes.



SIDNEY POITIER

COVER

In an old painting by James Walker, Californian caballeros capture a grizzly bear alive so they can later put it into a ring with a savage bull. In early gold rush days bull-and-bear fights were a popular form of entertainment (see pp. 78-104)

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Why trade your headache

for an upset stomach?

Bufferin® gives twice-as-fast pain relief without upset stomach!



1 Aspirin can cause stomach upset! All 3 leading pain remedies contain aspirin, (a) Bufferin, (b) the remedy advertised as a "combination of ingredients" and (c) plain aspirin. But aspirin alone is acid, *acetylsalicylic acid*. It can increase stomach acidity, upset your stomach.



2 Bufferin protects against stomach upset! Only Bufferin adds to its aspirin Di-Alminate*, an exclusive combination of two special anti-acids, that protects you against the *aspirin irritation* so often associated with the other two leading brands of pain relievers.



3 Bufferin acts twice as fast as aspirin for millions, even faster for many others. That's because Bufferin gets its pain reliever into the blood stream, where it must go to relieve pain, with truly *incredible speed*. And clinical tests prove it again and again!

FOR SAFE, FASTER RELIEF of headaches, muscular aches and pains, neuralgia and painful cold miseries, take 2 Bufferin tablets, the modern pain remedy. They contain no nerve-jangling, sleep-disturbing caffeine.

*Bristol-Myers' brand of aluminum glycinate and magnesium carbonate.

Bufferin acts twice as fast as aspirin for millions . . . even faster for many others!



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The new coffee maker that counts the cups!

General Electric Peek-A-Brew* Coffee Maker gives you a PLUS... a built-in indicator that tells you how much coffee you have.

This amazing new General Electric Coffee Maker tells you at a glance exactly how many cups of coffee are left *as you serve it*. It also measures the amount of water in the Coffee Maker *as you fill it*.

So simple, too! All you do is check the bold numbers on the built-in transparent level.

Brews 3 cups as perfectly as 10—and there's no watching, no timing! Just set the convenient brew control for the coffee strength you like. The coffee brews, stops perking, stays piping-hot, automatically! You get delicious coffee, *every time*—cup after cup!

Only General Electric has this new, convenient Peek-A-Brew Coffee Maker.

See it at your dealer's today! You'll find it makes a wonderful and unusual gift—for yourself or for anyone on your gift list. General Electric Co., Portable Appliance Department, Bridgeport 2, Connecticut.

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Does any mixing job!

PLUS...new drink-mixing attachment

General Electric Portable Mixer weighs less than 3 pounds, yet it's powerful enough for the heaviest cake batter. Convenient heel rest, beater ejector, removable cord—plus special drink-mixing attachment.



New! Cooks a king-sized meal!

PLUS... completely immersible

General Electric Automatic Skillet in new 12-inch size. Accurate temperature control maintains the just-right heat for each food—without constant watching. Fries, bakes and stews to flavorful perfection.



Makes 9 shades of toast!

PLUS... new "Straight-Line" Design

Lovely new General Electric Automatic Toaster has a 9-position browning control. Now, you can have toast exactly the shade you like it—from pale golden to crisp-crisp brown. Extra-high pop-up!



1. Make new friends by car. A map is the only passport you need to meet people every bit as colorful as the Cajun country people. Your car gives you a leisurely chance to enjoy their company, share their customs. Introduce yourself someday soon.

Your car makes any map a Magic Circle

This Bayou Magic Circle is full of free-wheeling, high-spirited fun along any road you drive. Wherever you live, you have a Magic Circle like it about you. Plan to explore it, enjoy it, soon.

Published by *Ethyl Corporation*, New York 17, N. Y. to help you get more enjoyment out of your car. Ethyl Corporation manufactures antiknock compounds, used by oil companies everywhere to improve their gasolines and your driving pleasure.



*Take a pencil and map out
your Magic Circle. Your car
is the best investment in fun
you ever made. Don't miss out
on its endless happy returns.
Start driving - start really
living - next chance
you get.*



2. Dine out gourmet-style. At Breau Bridge, the specialty is Crawfish Etouffée. In your Magic Circle, an easy drive will take you to scores of fine dining places, delicious dishes. What's your pleasure?



3. Watch the scenery go by. You'll discover sights like these river-bank mansions, majestic as Ole Man River himself, right outside your car window . . . right along the fine roads in your Magic Circle.



4. Visit the landmarks. The grandeur of Louisiana's capitol is worth the trip. (So is the view.) You can match this attraction with many in your Magic Circle. Make a date with your car and see.

THE MAN IN COMMAND

Precise...Poised...Polished—right down to his **ESQUIRE** shine



CAPTAIN HAL SWINBURNE
The Man in Command
of Pan American's
Transatlantic Clippers

New formula...first and only blend of 9 rare waxes
to nourish leather for a vibrant Esquire shine!

It took years of research by the skilled Esquire chemists to perfect this exclusive new formula...a unique blend of costly waxes. This remarkable polish actually *nourishes* the leather, *conditions* it to hold a brilliant, longer-lasting shine.

Esquire is *moisture-blended* to stay fresh and smooth down to the very last bit. Make a habit of Esquire Boot Polish... it's the shine of the Man in Command.



ESQUIRE BOOT POLISH



You'll like the cut of these cars. Every line has a purpose. From its sculptured grille to the fleet-tinned tail, you know you're driving a functionally designed car—styled to stand out and built to stand up. In styling too, you get the good things first from Chrysler Corporation.

A DRIVE will bring out the difference great engineering makes



Drive one of the *Can Do Cars* of The *Forward Look*.

The quality cars from Chrysler Corporation.

Built for the 1 man in 4 who wants a little bit more.

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ARMSTRONG SAFETY DISC GRIP CAN SAVE YOUR LIFE

See how "Ounce of Prevention"
SAFETY DISCS
prevent deadly skids
as no other tire can



ARMSTRONG TIRES Safety Discs Keep Tread Open

Over 1,000 Safety Discs, molded between the tread ribs, keep the tread edges apart, always ready to grip, prevent skids. Like the fingers of the fist above, the tread can't squeeze shut, even under heaviest braking pressure.



ORDINARY TIRES No Discs—Tread Squeezes Shut

Like the fist above, ordinary tires can squeeze shut under braking pressure. Tread's gripping edges are pushed together, can't "bite" the road. Even brand new tires can squeeze smooth and slippery this way—and suddenly you skid.

EXTRA SAFETY AT NO EXTRA COST!
Armstrong "Miracle" Tires give you unmatched protection against today's commonest hazard, skids. They keep you safer on any road, at any speed, in any weather — yet cost no more. And compare the guarantee you get on these rugged tires! Look in the Yellow Pages for your nearest Armstrong Tire dealer. See him soon. Armstrong Rubber Company, West Haven, Conn.

Makers of Armstrong

for furniture and bedding



Only ARMSTRONG has it!



Where's Mr. Murphy's Sonotone this time? (Even the tailor can't find his hearing aid!)

THOSE mirrors show you Mr. Murphy's head from every angle. Can you spot his hearing aid? (Take the tailor's word for it...there's nothing under his shirt.) Yet Mr. Murphy is blessed again with a faculty he thought he'd lost forever: the ability to hear the natural way—with *both* ears!

Amazing news from Sonotone

How does Mr. Murphy do it? With a new Sonotone eyeglass model hearing aid. Everything is hidden inside the temple bars of the eyeglasses. What's more, he hears with both ears...the natural, binaural way. Sonotone's eyeglass hearing aid for conductive losses does away with buttons, cords, wires

Newest styles in frames

With Sonotone, you have your choice of the newest styles and colors in slim-temple eyeglass

frames. Lenses are fitted by the same doctors and experts who have always taken care of your sight. All Sonotone hearing aids are custom-fitted to your individual hearing requirements by expertly trained Sonotone technicians.

Automatic Volume Control

AVC is another new and unique advance from Sonotone. It automatically softens sudden loud noises, yet lets you hear normal conversations. Another example of Sonotone's leadership.

Free! Full information and free hearing test

The coupon brings you full information about all the newest technical advances. It lists the latest Sonotone models, including the particular one that is exactly right for you. Mail the coupon today to find out how you can have a free, private hearing test, too.

FREE! ILLUSTRATED BROCHURE
PLUS INFORMATION ABOUT FREE,
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Sonotone Corporation—Dept. B-49
Elmsford, N. Y.

Gentlemen

Please send me free—and without obligation—facts about Sonotone's newest hearing aid models. (Also, please send complete information about arranging for a free, private hearing test.)

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STREET _____

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Sonotone PROG.

A Lifetime Program for Better Hearing!

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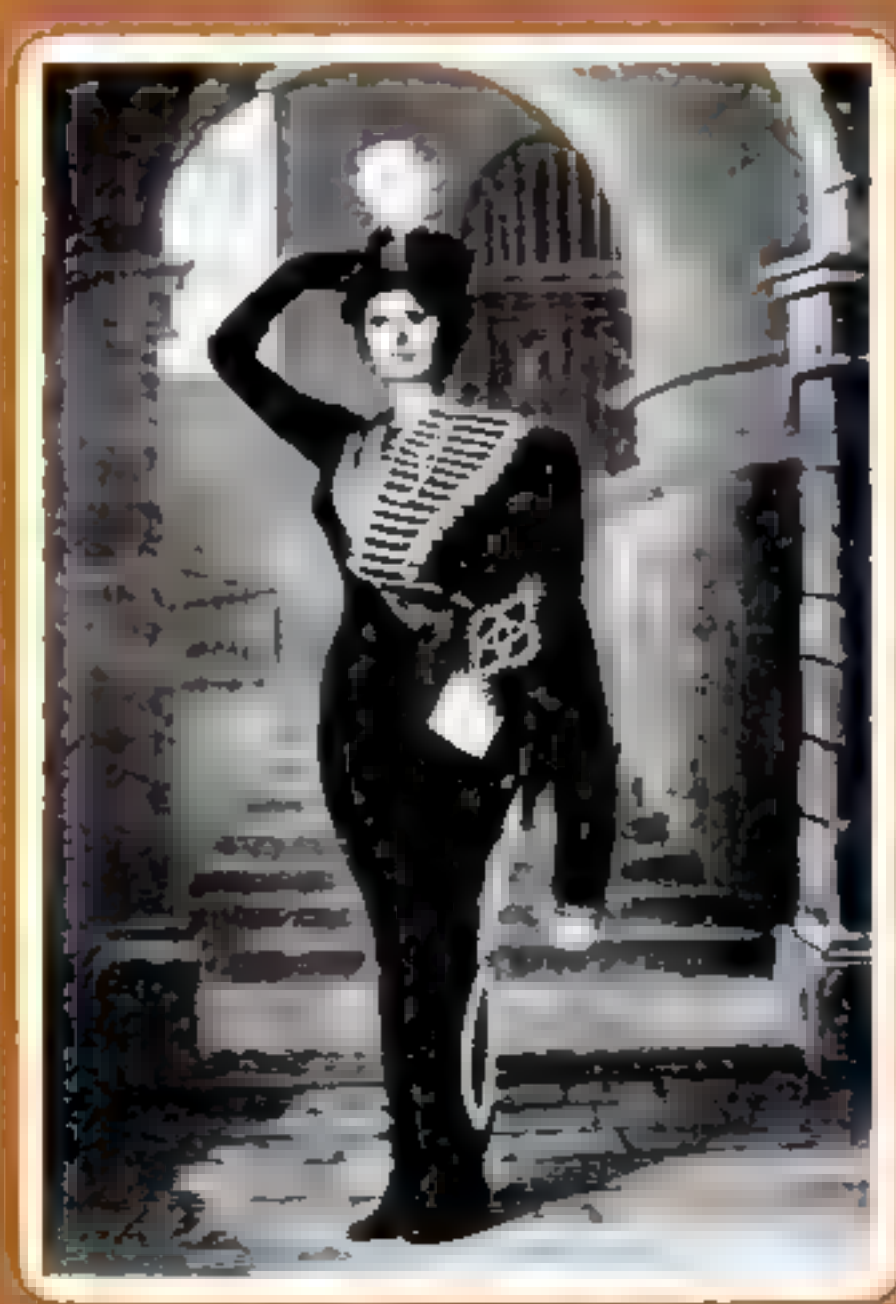


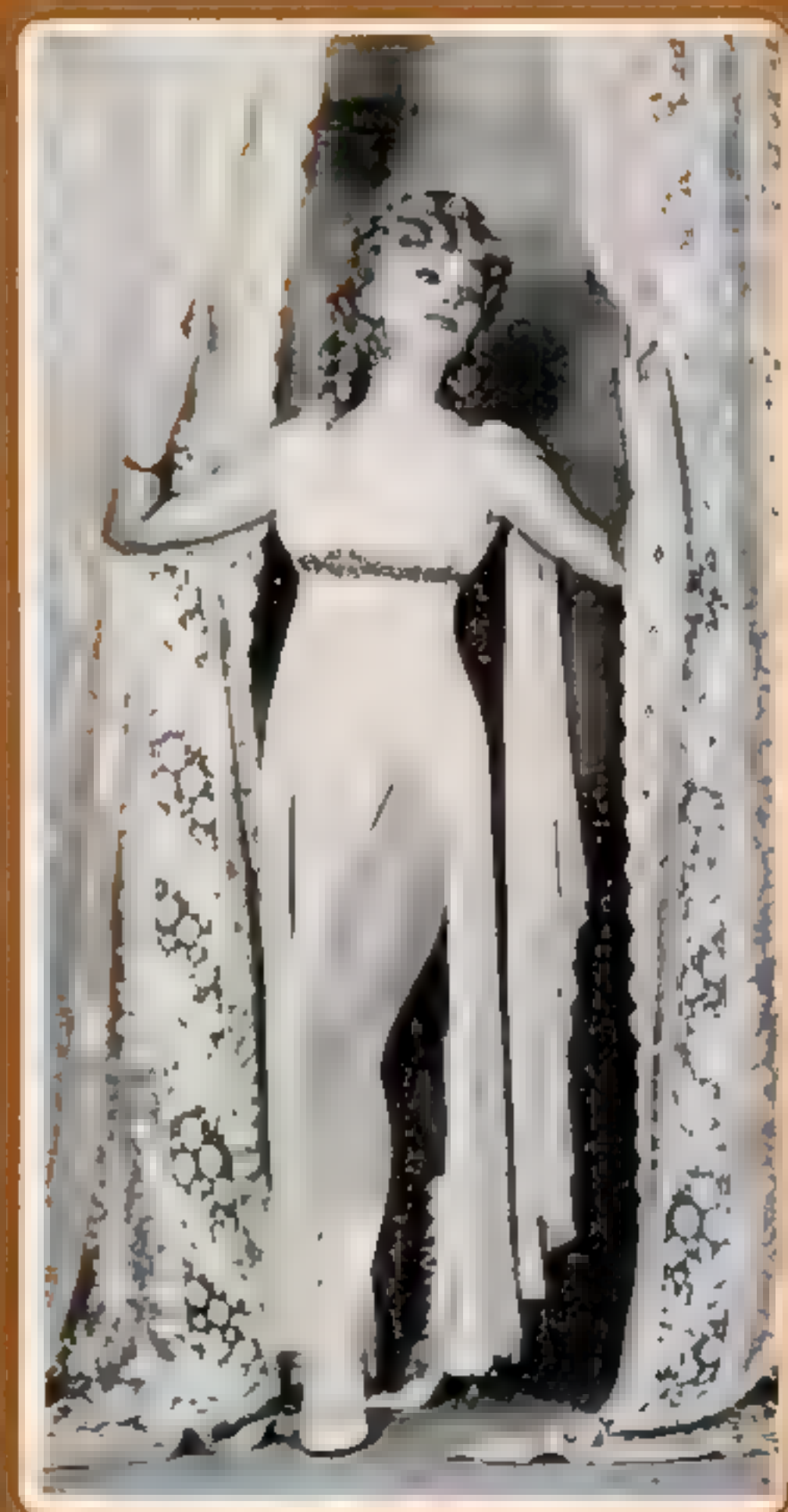
A One-Gal Galaxy

SOPHIA RE-CREATES THE PAST

All the lovely ladies of the past's row here are one of the loveliest ladies of the present, film star Sophia Loren. She is pictured posing as Adah Isaacs Menken (*left*), Della Fox (*bottom right, opposite page*) and other famous actresses who toured the grand city decades ago. Stars then made extra money having postcard pictures of themselves sold to archbishops, a practice begun by Miss Menken, who enthused San Francisco's gentlemen by appearing in flesh-colored tights on horseback.

Photographer George Heyningen-Duene remembered the postcards while working on *Heller with a Gun*, a Paramount film in which Sophia plays an actress recapturing the West. He researched antique attitudes and costumes and arranged for Sophia to recreate the oldtime favorites as they were in their golden days.







"If I have to fight . . . I'm gonna fight," screamed the nice little old lady.

The day the little old lady became a little old tiger!

by Stony Jackson

Little Old Lady:

Don't raise my hackles, young man! I know what I want . . . and if you think I'm being a "nut" on the subject, you're right!

Attendant:

Lots of my customers are particular, lady—about certain things.

Little Old Lady:

Why, my engine used to scare me silly . . . growling and snorting . . . gulping gas and fouling up those—thingamabobs!

Attendant:

Spark plugs, Ma'am

Little Old Lady:

Yes—well, Pennzoil with Z-7 ends all that.

Attendant:

Ma'am, Pennzoil helps tame all kinds of mean engine trouble. That's why so many car-owners are as "nuts" about it as you are. *It's all they need to know about engines!*

Author's Note:

Pennzoil with Z-7 is The Tough-Film® motor oil, especially refined from pure 100% Pennsylvania grade crude, the highest quality oil for engines ever discovered. And the makers of Pennzoil are the largest producers of this oil in the world. No other motor oil will protect your automobile so well. So ask for Pennzoil by name, wherever you go.

The motor oil that makes people mad . . . if they don't get it!

SOUND YOUR Z
100% Pure Pennsylvania
PENNZOIL
Safe Lubrication

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SALT-FREE DIET?

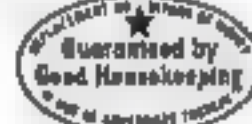
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LETTERS TO THE EDITORS

HOW THE WEST WAS WON

Sirs:

Please accept my sincere congratulations and compliments on the beginning of your series, "How the West Was Won" (LIFE, April 6). I am looking forward to subsequent stories with a great deal of anticipation.

H. L. SCHALL

Ponca City, Okla.

Sirs:

Once again LIFE is proving that it is possible to be topical, but not too topical, and to follow a popular trend without being trite. "How the West Was Won" promises to be a series which will appeal to the intellect, whereas the TV-movie attractions appeal to the instincts.

CAY MCGOWAN

New York, N.Y.

Sirs:

Your first presentation of "How the West Was Won" is one of the best articles I have ever seen in any book or magazine. Your pictures are really marvelous.

ROLAND F. BESSETTE

Orlando, Fla.

Sirs:

I wish to thank you for your generous representation of the work of my great-uncle, Albert Bierstadt.

Albert Bierstadt first went west with General Lander's expedition in 1858, and assuredly he was one of the first painters to bring the great American West to the graphic attention of both Americans and Europeans.

EDWARD HALE BIENSTADT

New York, N.Y.

Sirs:

Your intensely interesting and historically valuable article was of particular interest to me because the tribes of Mandan and Gros Ventres were my assignment in doing ethnological field work for the Columbian Exposition at Chicago in 1893. I note one error which may puzzle some of your readers. In the description of a "bull boat" you said it was made "by stretching buffalo hides over wagon frames." It should be "willow frames." These craft are made by stretching wet hides over a framework of tightly bound willow withes. The wet hide in drying shrinks tightly over the basket frame. It is an extremely efficient craft, cleverly contrived to meet the conditions of river crossing.

ARTHUR W. FAIRBANKS

West Roxbury, Mass.

• While bull boats were generally made with willow frames, Artist Miller's own notes say his caravan improvised boats by using wagon frames. —ED.

A LOOK AT THE WORLD'S WEEK

Sirs:

Since its appearance, that photo of the escaping lion (A Look at the World's Week, LIFE, April 6) has been a source of great personal embarrassment. You see,

I'm the guy in the lower right-hand corner who seems intent on breaking all sorts of track records and as a result have faced a variety of charges including desertion in face of the enemy.

Carrying out a planned strategic retreat is what I was actually doing. If I almost knocked down a fellow photographer in the course of my casual withdrawal, that's only because I tripped over one of those infernal steel cables strung around the arena.

Most important to my limited professional reputation is the fact that I did wait long enough to make a picture. To my knowledge this is the only picture (below) of the adventurous Tonto taken from the arena floor.

LEO KORENBERG

New York, N.Y.



PHOTO TAKEN BEFORE FLIGHT

EDITORIAL

Sirs:

Thanks for your fine editorial entitled "Tibet's Tragic Bravery" (LIFE, April 6). The menace of Communism to the free world reminds me of a fairy tale about a man-eating dragon at the gate of a city. The councilmen of this city have two choices: either to accept the challenge or to try to pacify the dragon by sacrificing their fellow citizens one after another, hoping that they will be the last ones to be eaten. It is gratifying to know that LIFE favors the first choice.

Z. C. PRUSAS

Chillicothe, Ohio

TIBET

Sirs:

Your article on Tibet ("An Incredible Land's Incredible Revolt," LIFE, April 6) was as timely as it was interesting. I hope it has contributed its share toward arousing public interest in this little-known and amazing country. It is sad that it takes the grim and terrifying black shadow of the Communist juggernaut to turn people's eyes toward proud, courageous and beautiful Tibet.

MARGARET McEATHRON

Balboa, Calif.

Sirs:

Before reading your revealing article on the life of the Tibetans, my heart bled for these victims of red ravage. Now that I know of the ignorance, disease, dung diet, religious hocus-pocus and mambo jumbo prevalent there, perhaps some good will come of Mao's head-cracking program.

ALAN RAMON

San Luis Obispo, Calif.

THE QUEENS OF FICTION

Sirs:

I have long been a follower of "The Queens of Fiction" (LIFE, April 6) and would like to congratulate the author of the article. It was splendid. I'm sure their many readers have gained an enlightening view of each author and what made her a favorite with them.

MRS. HARRY D. VAN VLIET

Mt. Clemens, Mich.

Sirs:

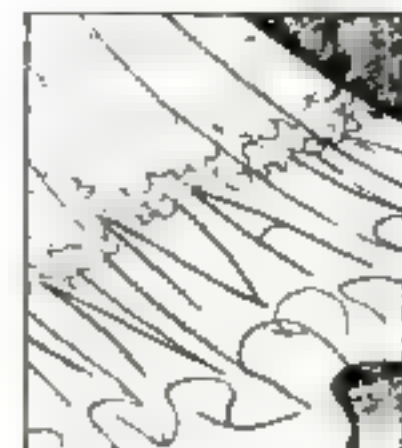
I must protest your statement that the lofty peaks of best-sellerdom are the goal of every novelist.

While no one publishes who does not wish to be read, best-sellerdom is never the goal of the serious novelist. The modern American novel has fallen upon

such hard times precisely because the public is being taught that the novel is a business venture, a summer hammock companion, a more or less harmless waste of time for the reader. However, to discover what is most significant about the human mind and heart and to present it significantly, movingly, and memorably, is the goal of every serious novelist.

GLADYS H. CARROLL

South Berwick, Maine



Sirs:

I have heard that Artist Hirschfeld always includes the name "Nina" in his drawings. If this is true, tell me where the name is hidden in his illustration for LIFE?

JOHN D. CISARIK

Champaign, Ill.

• Nina, the name of Hirschfeld's daughter, appears on the bottom of Mrs. Keyes's dress (left). —ED.

ALEX IN PERU

Sirs:

You cite roast guinea pig as the order of the day at the Olmedo household ("Rocket for Alex Back in Peru," LIFE, April 6). I believe Alex's favorite dish is roast guinea hen as prepared by Mrs. Olmedo for her (and Peru's) favorite son.

NEAL PRICE

Auburn, N.Y.

• He got guinea pig, an animal raised in Peru for food since pre-Inca times. The most popular form of the dish is *Cuy Chacado*, guinea pig dipped in chili sauce and roasted over hot coals. —ED.

SHY UNKNOWN BECOMES A STAR

Sirs:

Millie Perkins is the second member of Fair Lawn (N.J.) High School's distinguished Class of 1954 to be featured in LIFE ("Shy Unknown Becomes a Star," LIFE, April 6). The first was the "world's fastest human being," Dave Sims. Undoubtedly there will be more to follow.

DAVID W. POOLEY

San Francisco, Calif.

CLOSE-UP

Sirs:

I enjoyed your article, "Wacky World of Dr. Seuss" (LIFE, April 6), immensely. I've been a fan of his ever since the time (as a very small New York Public Library card holder) I was introduced to his *The 500 Hats of Bartholomew Cubbins*.

Dr. Seuss is the most marvelous man to appear in the world of whimsy since Dr. Lewis Carroll stepped through the looking glass.

SHARI LEWIS

New York, N.Y.

Sirs:

As a baby sitter, I find Dr. Seuss's books hilariously funny. I was getting awfully tired of reading books that deal with "Come here, Fido" to some of the children I sit with.

SUSAN KLUMB

Northbrook, Ill.

LIFE 540 N. Michigan Avenue, Chicago 11, Illinois

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59 Mercury best-built car in America today. Shown above, the beautiful Montclair 2-door hardtop. Cruise

how Mercury is planned for people



WIDER DOORS FOR EASIER ENTRANCE.—The cardboard cutouts shown above indicate the size of the door openings in competitive cars. Notice Mercury's entrance room is 6 inches wider in front, 2 to 9 inches wider in back. And there's 2 inches more head clearance. You won't bump your knees or head; no need for extra-cost swivel seats.

ROOMIER TRUNK, far wider opening than in competing cars. Inside there's a 6-foot span of clear load area that's easier to reach and use.



MORE ROOM FOR THE MIDDLE MAN.—Mercury cut the tunnel hump in half. There's foot room—full seat cushioning—for 6 people, not just 4.



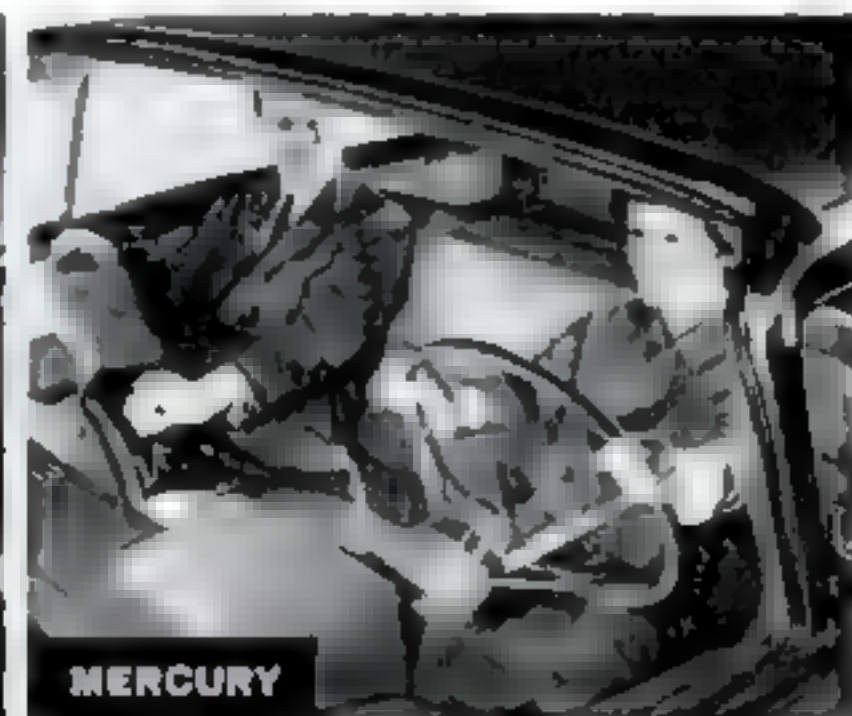
WIPERS CLEAR EVEN THE CENTER.—No longer need you play windshield peekaboo. Mercury's exclusive wipers work in parallel—clear a five-foot swath that includes the center area. Driver and passengers alike enjoy an unobstructed view. And Mercury's windshield is the largest in the world—over 13 square feet of visibility.



YOU SIT HIGHER, SEE BETTER.—Mercury's front seat is 10.4 inches high—4 inches higher than in some competitive cars. There is none of that "sitting-on-the-floor" feeling, no craning your neck to see over the wheel.



CHECKS VIBRATION, TENSION.—A flexible coupling, or insulator, in Mercury's steering system helps absorb tiring road shocks and noise before they reach the steering wheel. All Mercurys, manual or power steering, have this feature; many other cars do not.



BUILT BETTER TO LAST LONGER.—For example, compare Mercury's hood (right) with the type used in most cars. Mercury uses a two-layer design that is cross-braced and rigid. This prevents hood flutter.



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Corrosion Ruins Most Mufflers

Mufflers take a beating on the outside, but it's on the *inside* that most mufflers fail first. Ever see water dripping from the end of a tailpipe? That's from condensation *inside* the muffler—condensation that can rust it out in no time. AP has found the answer to that problem, and it takes three things: "DRI-FLOW" DESIGN, THICKER STEEL, COATED STEEL.

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2. AP Mufflers are built of thicker steel—up to $\frac{1}{2}$ heavier outer shells and up to $\frac{3}{4}$ heavier ends. Obviously, thicker steel will last longer.
3. AP Mufflers now have premium coated steel to provide the ultimate in corrosion resistance, assure longest life

Because only AP Mufflers have all three, they last longer and give you greater protection from deadly carbon monoxide fumes. And remember—you get AP's premium quality at no extra cost.

Look for the AP Sign

You won't find it hard to locate. From coast-to-coast, there are more than 30,000 of these giant signs on display. They identify AP Muffler Specialists, who can install longer-lasting AP "Dri-Flow" Mufflers, easily identified by the grooved Air Liner shell. They tell you, too, that here is a progressive dealer, interested in seeing that you get the *best* for your car, whatever your needs.

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LIFE

Vol. 46, No. 17 April 27, 1969



TAKING HISTORIC PHOTOGRAPHS of stars and nebulae in color. William Miller worked partly with Palomar's Schmidt telescope which is really a giant

camera. Miller guides it by sighting through the small visual telescope at top of main barrel and operates it electrically through the control box in its control



IN CONSTELLATION LYRA, THE RING NEBULA, A SHELL OF GAS THROWN OFF BY STAR AT DEAD CENTER, ENVELOPS ITS PARENT IN RAINBOW OF FLUORESCENCE

THE HUES OF HEAVEN

In new Mount Palomar photographs man sees stars in true color for first time

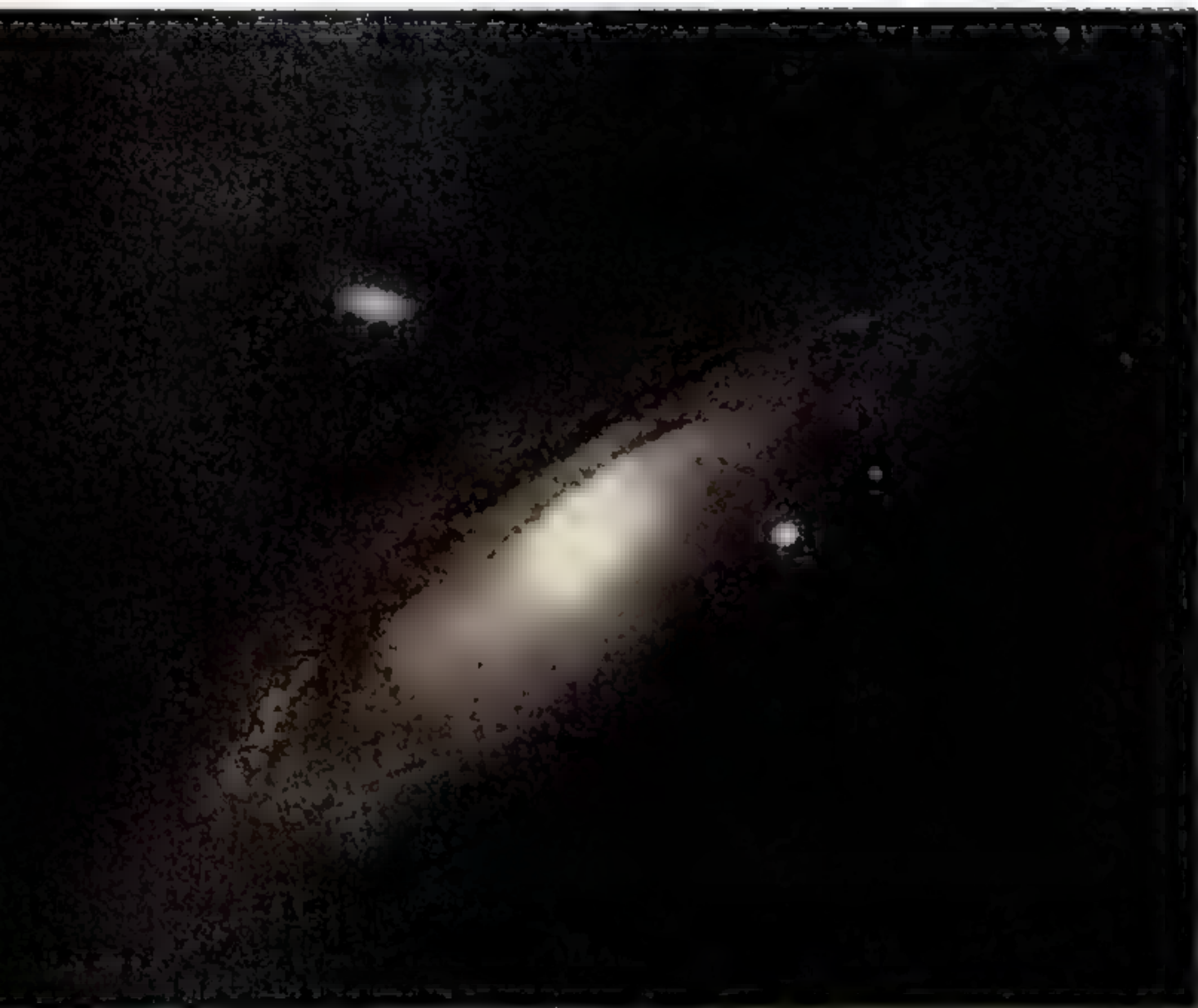
Throughout the course of history most men gazing into the night sky have seen the stars as white or pale yellow against an inky background and have thought that that was all the color there was. But this week Caltech's and the Carnegie Institution's Mount Wilson-Palomar Observatories in Pasadena, Calif. released photographs—some of them taken by Palomar's great 200-inch telescope—which showed for the first time the full, fiery colors which fill the firmament.

The reason man fails to see much color in the night sky is because he loses the power to discriminate between one wave length or color and another when the illumination is low. Color film exposed for long periods can catch far more visible light and color than the eye. Astronomers for

years now, using filters with black and white film, have been able to record separately each color emitted by a star or galaxy. But afterwards they had to put the colors together mentally or synthetically and simply imagine the true glory of the sky or tell artists how to paint it.

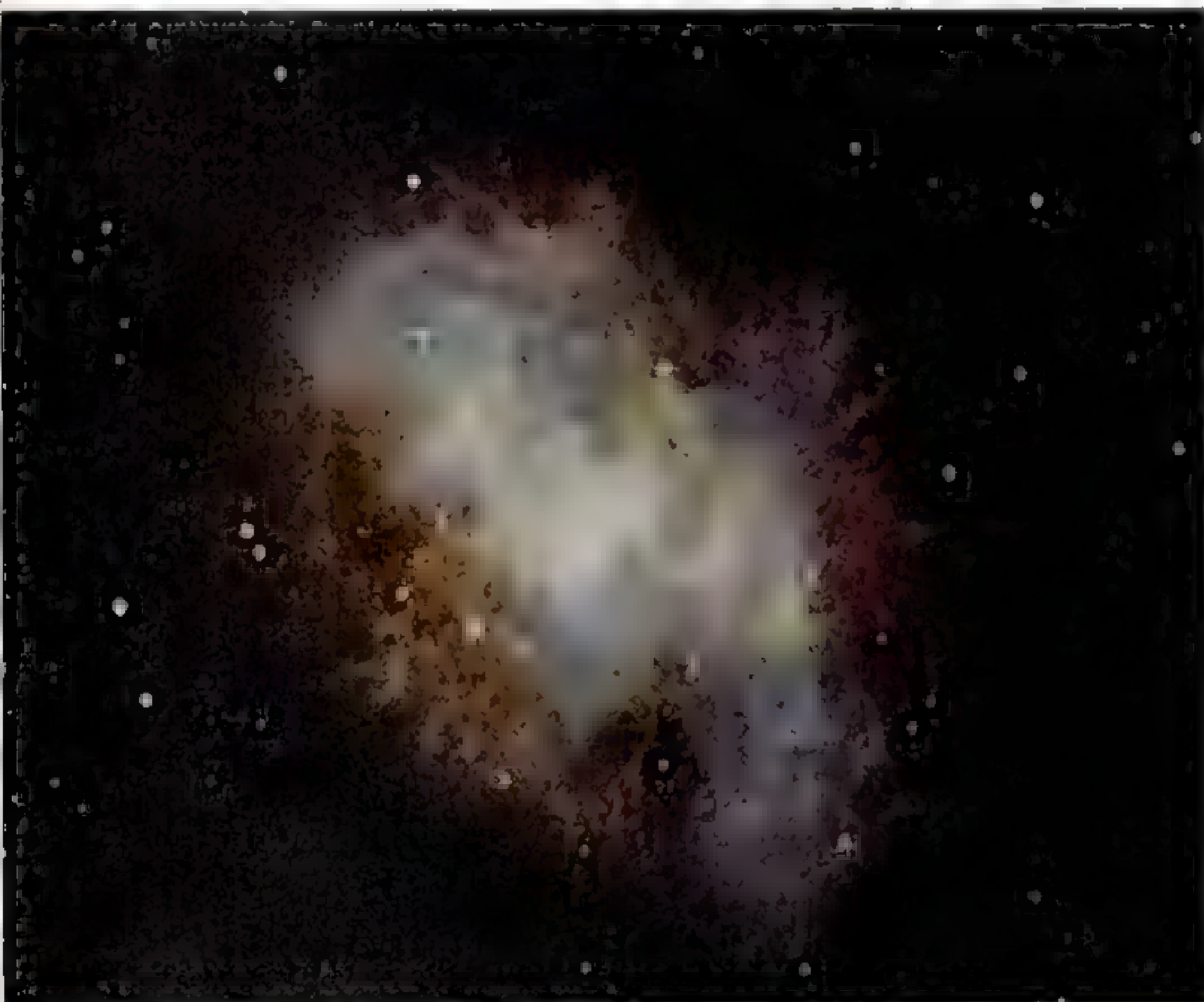
Palomar's Research Photographer William C. Miller, who took these photos, spent two years testing the color fidelity and balance of specially sensitive Ansco films, finding out how to make them record accurately the visible spectrum while blocking most of the invisible ultraviolet rays. Now, as Astronomer Rudolph L. Minkowski said when he first inspected Miller's pictures, "With these you can see at a glance things that you would take hours finding with the old black and white photographs."

CONTINUED



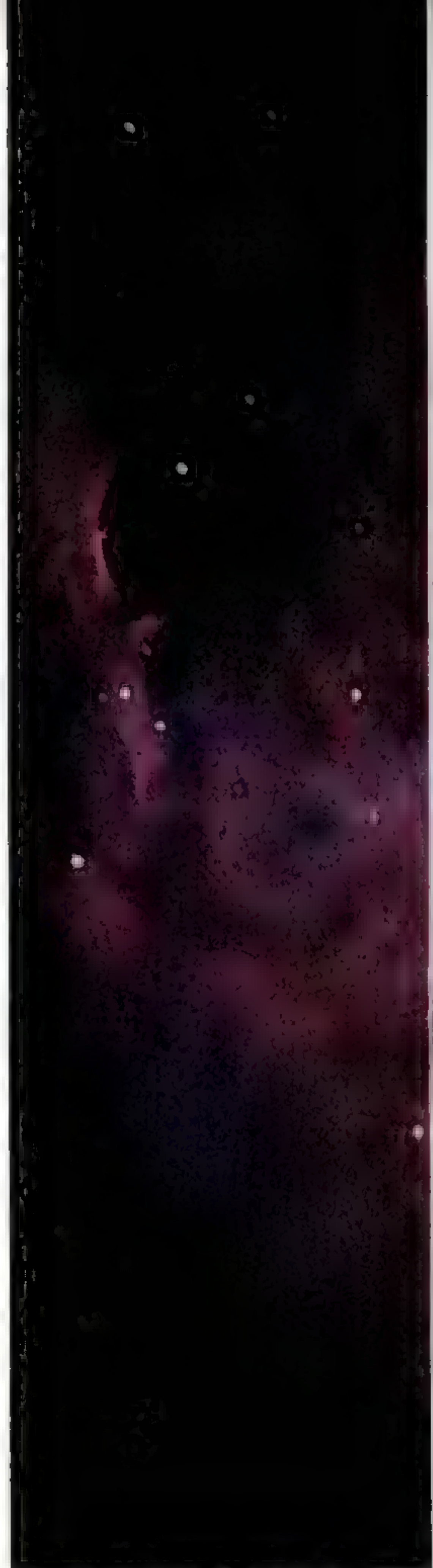
ANDROMEDA GALAXY, companion and near twin of Milky Way (the galaxy that contains our solar system) is visible in color. It is that as blue as the stars in the arms of the galaxy.

is blue from young Hot stars in it which have formed from gas clouds fairly recently. Black in color is dust. Hot is reddish because stars there are cooler. On other side are smaller satellite galaxies.



CRAB NEBULA, the outbursting remnants of a young star whose explosion was seen on Earth in 1054 A.D. is visible in color. Red filaments are gas glowing because they are being

bombarded by atomic particles. The bulky radiance is synchrotron light produced on earth only in atomic smelters. It emanates from high-speed electrons trapped in the Crab and is a reflection of



GLOWING GAS CLOUD in Orion can be seen by naked eye. It is that appears as a faint aura around the central star in the 'sword' hanging from Orion's belt. Here it is one of Pagan's new color



photographs the gas cloud is a maelstrom of stormy violets and purples. The colors are emitted because the gas is fluorescing. The blues come from the more energetically fluorescent portions, the reds

from the less energetic areas. Radiation from four stars, which are invisible here, is what excites the electrons of the gas atoms and causes them to give off fluorescent light. The black areas at lower

right are clouds of dark dust in front of the nebula. Astronomers find this nebula unusually fascinating because they think new stars are perhaps being born in it from the rich clouds of dust and gas



VEIL NEBULA in constellation of Cygnus—the Swan, which looks white when seen through telescope, appears here in Patomak's new picture as a diaphanous

filigree of star-spangled red, white and blue. The nebula is actually a section of a fringe of fragments fleeing at about 270,000 mph from a star with no base



blown up at least 50,000 years ago. The nebula glows as it collides with dust and gas in interstellar space. The hardest collisions occur in leading edge, causing it

to emit hottest, bluest light. Less energetic collisions in the trailing edge make it glow cooler and redder. White in some filaments is mixture of red and blue light.

CONTINUED



NORTH AMERICA NEBULA, so named because it looks like the continent, fluoresces behind a thin veil of dust which absorbs all but red wave lengths of the cloud's visible light. Star which excites gas is unknown, presumably buried in its depths. Mountainous looking areas in "Mexico" and "Canada" are simply

higher concentrations of glowing gas. Island areas at right are separated from "mainland" by thick layers of encroaching light-absorbing dust in front of nebula. Four-pointed stars are also in front of gas cloud. Their points are an optical effect produced by the mountings of photographic plate holder in the telescope.



IN 200-INCH TELESCOPE, used to photograph Ring, Crab and Orion Nebulae on preceding pages. Miller sits in cage at muzzle end handling plate holder for color film. Beyond cage at other end of scope's open work tube is 200-inch mirror, world's largest, which reflects faint light of distant stars and galaxies back

up to cage and focuses it onto film. Most difficult part of Miller's task was making arduous tests beforehand to find out precisely how color films would react to long, three- and four-hour exposures needed in star photography. Tests had to be exact so that Miller would waste none of giant telescope's invaluable time



LOCAL VIGILANTES, allied Citizens' Protective Association line up with hardware at Gun Store

and Bar. They mobilized during the riot to keep track of trusty convicts working on nearby rail lines.



WATCHFUL GUARDSMAN peers through fence into yard opposite prison. The police heard convicts

were trying to tunnel to freedom, set men to watch the areas where they would most likely come out.



ANGUISHED WIVES of hostages held by the convicts sit patiently, intently staring at Cellblock One

from prison office, which is just across the street. Most of them stayed up all night waiting for news.



AT THE MOMENT OF SIEGE'S LIFTING, EERILY LIT

NIGHTMARE

Suddenly, in a dramatic flare of searchlights, a pillar of smoke billowed from the grim, turreted walls of the state prison in Deer Lodge, Mont. As this picture was taken, one of the most desperate jail outbreaks in U.S. history was coming to a spectacular end.

It had begun 36 agonizing hours before. Somehow, as the watch changed at Cellblock One, a few convicts jumped their guards. They shot to death a deputy warden, stabbed one of



MONTANA STATE PRISON IS TOPPED BY SMOKE FROM BAZOOKA BLAST SIMULTANEOUSLY UNDER COVER OF FIRE, GUARDSMEN ATTACKED FROM FAR SIDE

PRISON ORDEAL'S VIOLENT CLIMAX

the guards, seized two .30-30s with 19 rounds of ammunition and took over the whole building. Then they herded 23 hostages, mostly prison guards, into cells. Eventually they let seven go, but in a dramatic ultimatum they threatened to burn the other 16 alive unless Governor J. Hugo Aronson came to talk over "inhuman conditions" in the prison.

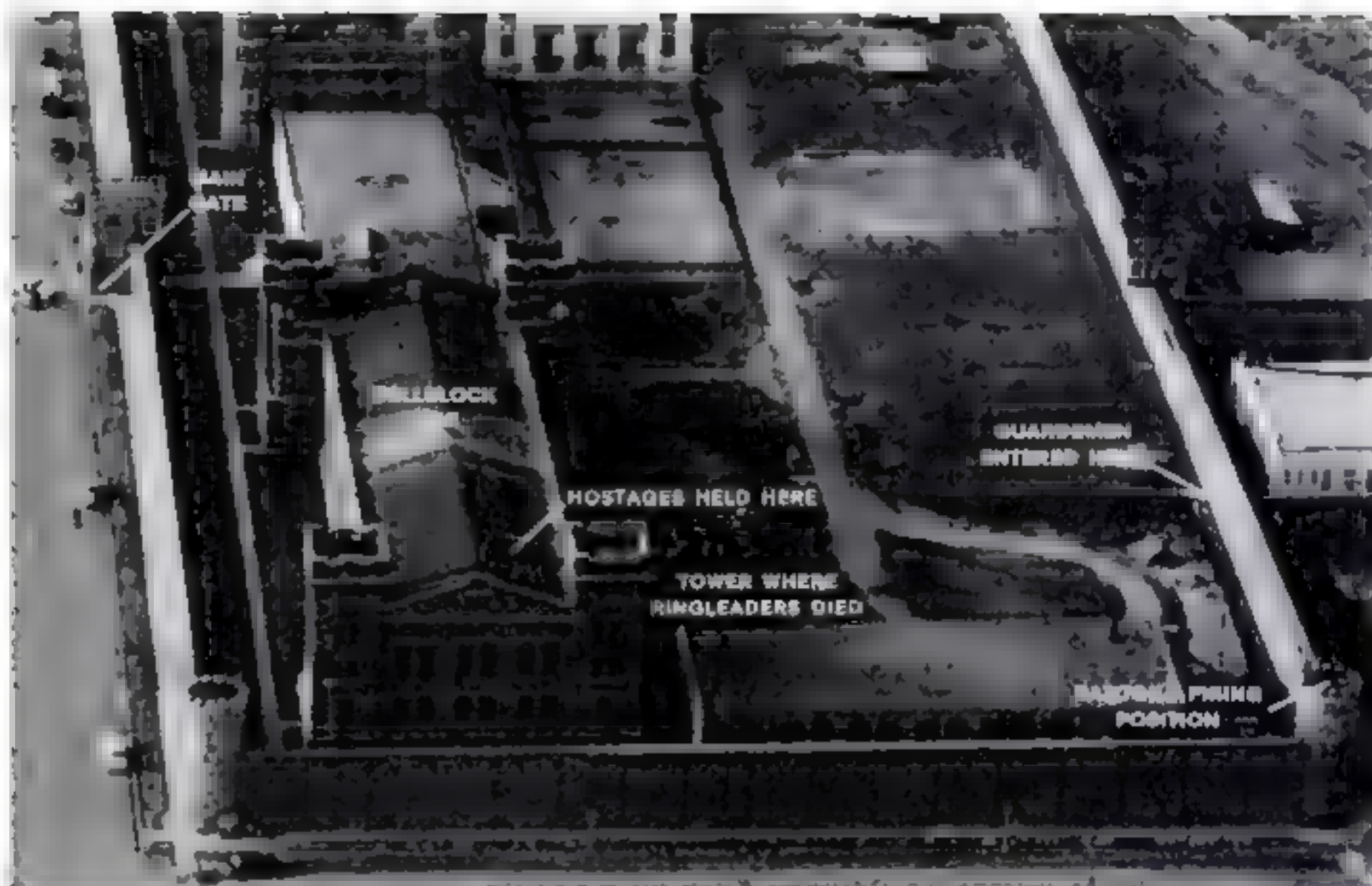
Flatly refusing to be blackmailed by prisoners who already had a bad reputation (the

prison has a history of outbreaks), the governor called in the National Guard. Guardsmen got ready to storm the prison but held back, hoping to save the hostages' lives, as the two ringleaders called out threats from a window perch (see page 33). They were Jerry Myles, a convict who had spent 23 of his 44 years in prison, and Lee Smart, a 19-year-old murderer. The wives outside could only pray and hope; they did not even know if their men were alive.

At last, hearing that the hostages were to be killed anyway, the guardsmen struck. Just before dawn they blasted the prison tower, where Myles and Smart were holed up, with bazooka fire, submachine guns and tear gas bombs. Combat teams swarmed in and in 90 frantic seconds the hostages were freed. Most of the convicts gave up. But Myles and Smart had gone too far to turn back. During the bazooka attack they had taken their own lives.



IN STOCKING FEET—he removed shoes after gasol ne threat a released hostage embraces his wife.



SCENE OF THE SIEGE is shown from the air. Cell-block One is bordered by a 20-foot wall. The besieged convicts sent spokesmen out the main gate. Ringleaders Myles and Smart shouted demands and

threats from cellblock windows, spent their last night alive in tower at lower center with hostages locked up nearby. When attack came, both cellblock walls and the tower were blasted by bazooka fire.



MURDERED DEPUTY, Theodore Rothe, was shot by ringleaders as the riot started. More than their

grievances, the knowledge they would all be held responsible for his death kept convicts from giving in



THE CHIEF WARDEN, Floyd E. Powell, briefs newsmen a few hours before guardsmen moved in.

Powell was held briefly as hostage but escaped, with help of loyal prisoner, to direct rescue of other

'... YOU'RE GOING TO HAVE TO BURN'

The ordeal of 16 men under threat of flaming death ended at 3:45 a.m. last Saturday. At dawn Guard Robert W. Hunt, 29, gave this account to LIFE Correspondent Bayard Hooper.

From Friday morning on we noticed the cons staggering from drinking and some were glassy-eyed from taking pills. Shortly after noon, Jerry Myles had all 16 of us herded down into two cells. The cons expected the National Guard to attack any time now and Myles shouted, "You're going to have to burn."

We figured tear gas would probably start it, and then the cons would douse us with gasoline and set it on fire. I unlaced my boots, loosened my belt and unbuttoned my shirt same as everyone else, so we could get our clothes off fast. We figured out a plan. We would grab a big mattress, throw it up against the cell door and hold another mattress across the top of the door. This would slow a .30-40 bullet and also keep out the gasoline. We figured that then the cons would open the doors to set the men who had knives on us, so we were planning to jam a whisk broom in the sliding panel. It would all depend on how fast the National Guard could get to us.

By the middle of the night the National Guard had moved up outside the walls. We heard about it on radios in our cells. We got the mattresses in place and wet down our sheets and blankets in the toilet to help smother the flames. Myles heard the water splash and yelled, "One false move and I'll give it to you right now." We were sitting three on each bunk and two on the floor—eight in the cell. We were sweat-soaked from fear.

Then we heard on the radio that Ben Wright, the director of the board of pardons, had resigned. This made the cons, who had demanded that Wright quit, feel that things were going better and tension eased. About 10 o'clock we got word on the radio that there would be no more activity that night.

I had just curled up with my head against the toilet seat when I heard a report like a cannon—it was a bazooka shot. I found out later. All of us there in the cell were on our feet in two seconds. The mattresses were slammed up against the door and the soaked blankets and sheets came out. Then the small-arms fire from the Guard started hammering against the wall. Even so, a con threw gasoline on the men in the next cell but the small-arms fire made him run before he got to light the match. It was that close.

Right after that I heard a voice yelling, "Who's in there?" We dropped the mattress a bit and saw it was a National Guardsman. He asked us where the convicts were hiding. There was no firing from the convicts' strong hold, but outside the National Guard was blazing away to keep the cons pinned down.

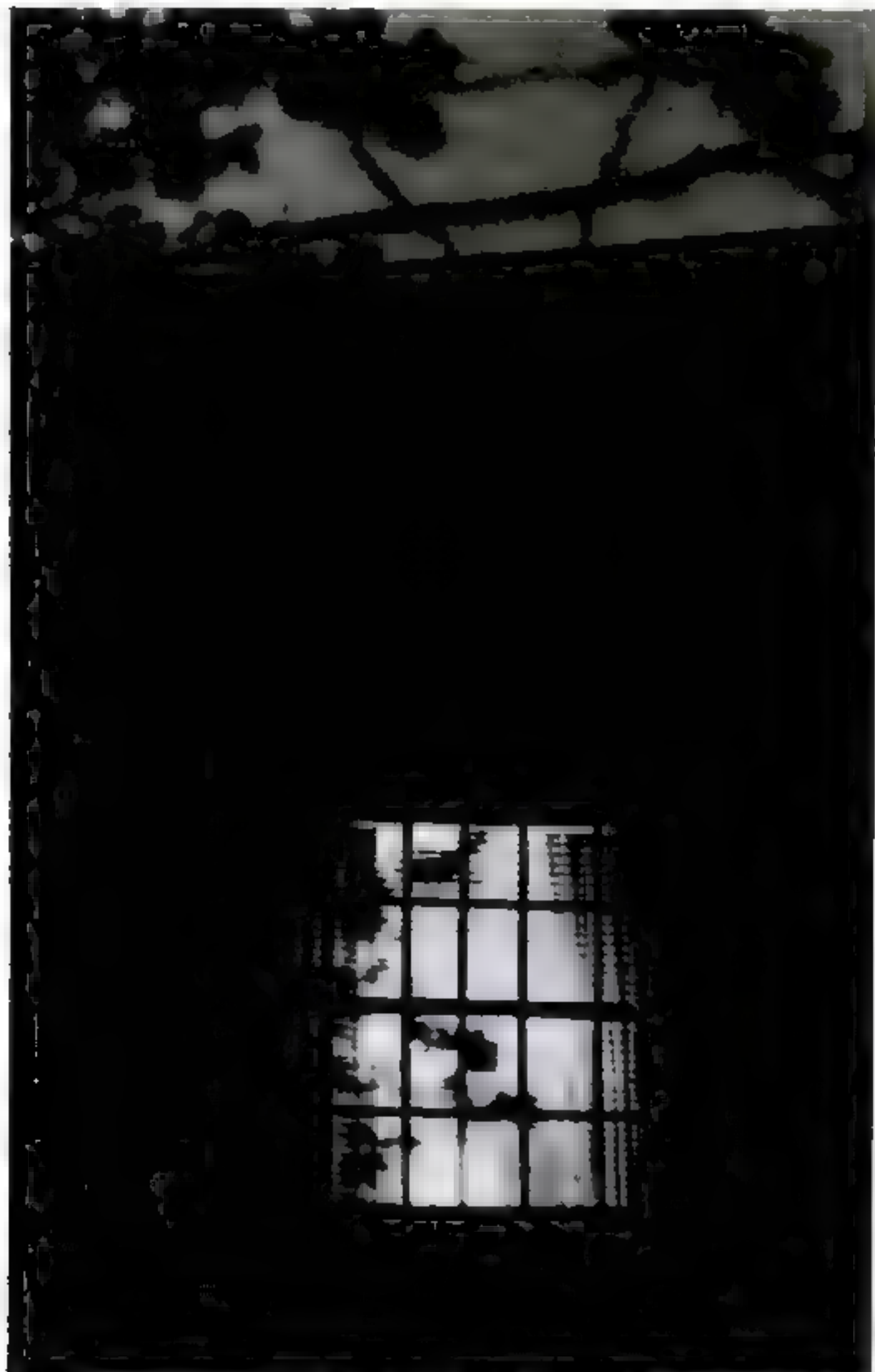
Right then one of the guards came along. He managed to get the cell doors opened up within a minute and a half of the time we heard the first bazooka shot. Then the fresh air hit us. It was like getting your life back again.

DOOMED BUT DEFIANT. Lee Smart (left) Jerry Myles shout death threats on day before they died





SORROWFUL PRESIDENT announces Dulles' resignation at Richmond Hotel in Augusta where he is on vacation. Dulles had just phoned him from hospital.



DULLES' ROOM in Walter Reed Army Medical Center is lit at night. Dulles told President he would not be "well enough soon enough" to stay Secretary.

A SAD STATEMENT, A NEW SECRETARY

A momentous changing of the guard took place in Washington last week. Out of the seat of power from which he had tough-mindedly and almost singlehandedly run his country's foreign policy stepped Secretary of State John Foster Dulles, so stricken with cancer that he could no longer hope to take up his job again. Into the post came Undersecretary of State Christian Herter, 64, more genial and more a team player than his predecessor but a devotee of the principles and policies of the Dulles era.

President Eisenhower announced Dulles' departure in a voice torn with emotion: "I personally believe he has filled his office with greater distinction than any other man our country has ever known—a man of tremendous character and courage, intelligence and wisdom." Other evaluations of Dulles' record followed, hostile as well as friendly. But few could gainsay two major Dulles achievements. He had led the transformation of the U.S. Republican party into an international-minded one and thereby contributed enormously to the bipartisan strength of U.S. foreign policy. And as Secretary, Dulles was without question the most prescient and resolute diplomatic enemy the Kremlin had.

Dulles' successor, Herter, is a man with a lifelong concern for foreign affairs. In Europe on a diplomatic mission after World War I, Herter took the initiative in organizing food shipments into defeated Germany which helped to turn back the Communist tide then threatening the embittered country. Some 30 years later, Herter repeated his foreign aid work on a far grander scale. He organized and directed the congressional committee that finally sold the Marshall Plan to Congress. After two terms as governor of Massachusetts, Herter became Undersecretary of State in February 1957. His immediate major task is to represent the U.S. in Geneva next month at the West-East Foreign Ministers Conference which is to set the ground rules for a summer summit conference.



NEWLY APPOINTED Herter talks to press in Augusta after President made announcement. President had first made sure Herter was physically fit for job.

HERTERS AT HOME sit in their attractive Georgetown house in Washington. → Mrs. Herter was Mary Caroline Pratt, the heiress to a Standard Oil fortune.



NIXON CHAMPIONS THE RULE OF LAW

An idea championed by Vice President Nixon last week can give new strength to U.S. foreign policy and change the fate of nations. To the Academy of Political Science, Nixon said, "The time has now come to take the initiative in . . . establishment of the rule of law in the world to replace the rule of force." He made two specific recommendations. One, already promised by the President in January, would revitalize the World Court by widening our official view of its jurisdiction. The other would name the court as umpire of any future agreements between East and West (as for example over Berlin).

These two proposals are signs of a major new Administration campaign. Its aim is to hasten the day foreseen by the late Senator Taft, whom Nixon quoted, "I do not see how we can hope to secure permanent peace in the world," said Bob Taft, "except by establishing law between nations and equal justice under law . . . the time will come when public opinion will support the decision of any reasonably impartial tribunal based on justice."

The World Court is certainly a "reasonably impartial tribunal," but unfortunately also the idlest bench in the world. It has decided only 10 cases in the last 13 years. A primary reason for its scandalous neglect lies right on the doorstep of the U.S.

This reason is the Connally Amendment, a reservation to the terms by which we accepted the court's jurisdiction in 1946. The court neither has nor wants jurisdiction over essentially domestic disputes; but the Connally Amendment makes the U.S. sole judge of what is domestic and what is not. This is not only bad law (the American Bar Association has long opposed the Connally Amendment) but bad foreign policy, with a built-in boomerang effect against U.S. interests. One example: Panama recently decided that its territorial waters extend 12 miles from shore, thus blanketing the Canal Zone's three-mile limit. Our natural refusal to recognize this claim should be accompanied by a prompt move to court. But although Panama has no Connally

Amendment, it can invoke ours if we are a party to the suit, call the 12-mile limit "an internal matter," and leave us no legal answer. Until the Connally Amendment is changed, as Nixon urges, our bad example will keep the court in idleness and frustrate any U.S. claim to be a champion of law in world affairs.

The State Department has a very long list of cases in which the Communists have violated treaties and agreements. Many of these (one flagrant example: the Polish elections of 1947) would have made good law suits had the legal channels been usable. Nixon's second suggestion would make such channels usable in future agreements. Under it the court would decide cases of legitimate disagreement over the meaning of a treaty; and in cases where the Soviet violation was intentional, it could at least keep the legal record clean.

In his last public speech as Secretary, John Foster Dulles said: "Those nations which do have common standards should, by their conduct and example, advance the rule of law by submitting their disputes" to international tribunals. The cause of law among the nations, like the earlier cause of law on our Western frontier, is one which it lies deep in American beliefs and traditions to extend. It is a natural cause for U.S. foreign policy and should have become a bold and prominent part of that policy long ago.

One of the most tireless workers for the cause of law has been Charles Rhyne, past president of the American Bar Association. Said Rhyne last week: "The whole world clearly understands that the Communist peace plan is to make the world 100% Communist. But few people can give you a clear statement of the objectives of the free world's peace plan." Arms race, deterrence, NATO, SEATO, mutual aid, etc.—all these defensive necessities are no substitute for a clear and universally shared world goal. The rule of law is such a goal; and Nixon's timely championship should bring it closer.

WALL STREET IN ORBIT

"These days," said a New York pension fund manager, "you have to buy stocks the way rich men buy pictures. You don't ask how much it is worth, you just pay whatever is asked. The price no longer has any relation to value."

The price of American Telephone and Telegraph last week hit 263, up 13 points on the fact that stockholders had ratified a "split" of three new shares in exchange for each one of the old. A split adds nothing whatever to the intrinsic value of a stock. Yet A.T. & T. went up and at that price its yield, including the 10% increase in the historic \$9 a year, will be about 3.8%. On that day, U.S. government bonds could be bought at yields as high as 4.16%.

Taking the stock market as a whole and measuring the 30 stocks in the Dow-Jones industrial index against Moody's Aaa corporate bonds, the stocks were yielding an average of 3.15% against 4.21% for the bonds, the greatest disproportion in this ratio since 1936. Whenever such a disproportion exists, sooner or later something always brings it back into a more reasonable balance—such as a drop in stock prices, or a hefty rise in industry's earnings and dividends.

Well, profits are rising at the heftiest rate since 1956, and doubtless dividends will rise with them. Industry is roaring at an all-time production rate. So there is plenty of reason to feel bullish about business, and therefore—for the long pull—about stocks. Nevertheless, there is an unhealthy, 1929ish aspect to some of the current antics of the market. Across the land, board rooms of branch brokerages are crowded at lunch hour

with little fellows trying to make quick profits or bidding up the price of some little-known and risky stock on the basis of inside tips. Some customers' men, who make fat commissions on such in-and-out trading, keep heating up the job with new rumors.

Even some market letters, normally concerned with such prosaic things as price-earnings ratios, have gone into orbit. Walter Gutman's weekly letter for Shields & Co., always literate reading, has recently gone into such bizarre bypaths as beatniks, existentialism, Zen Buddhism—and antigravity research, which leads him to conclude that "stocks and other things may go up and never come down." Gutman believes that "investment in stocks represents a type of poetic insight like a Kerouac novel rather than a type of carefully reasoned appraisal."

Levitation, Zen Buddhism, one-handed clapping and other oriental marvels remind one inevitably of the era of wonderful nonsense that ended in 1929. Some sober warnings to investors have recently been issued by the SEC, President Funston of the New York Stock Exchange, and in ads by brokerage or advisory firms, all urging that you buy stocks only for sound reasons and after diligent study of their prospects for earnings and growth. The professionals in Wall Street, the men who must continually invest for pension funds, etc. are still buying stocks, but reluctantly, and finding it harder and harder to spot any they regard as "reasonably" priced. That attitude should be a warning to all amateur traders not to let their greed overwhelm their prudence.

"To make the best, begin with the best—then cook with extra care."



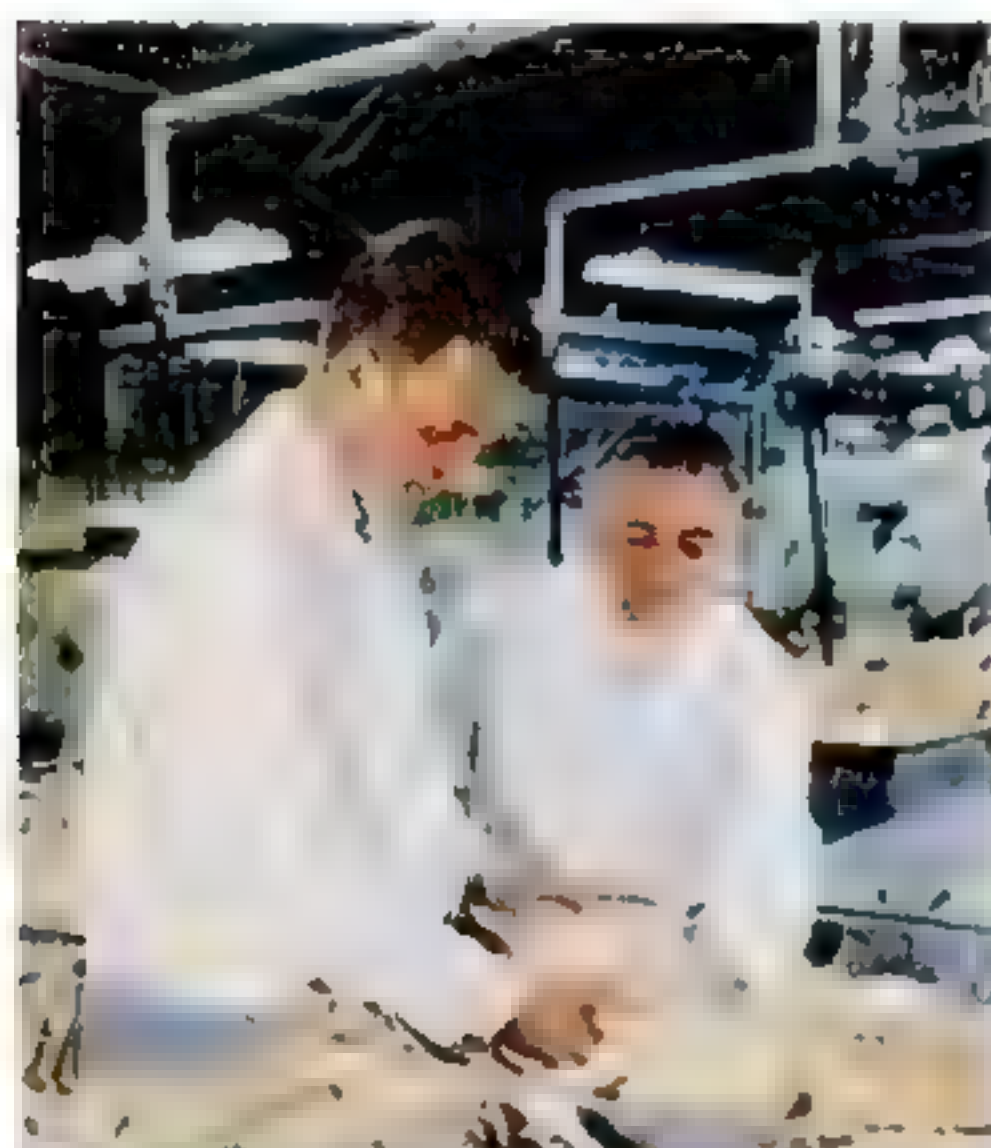
ONLY YOUNG TENDER OYSTERS go into our Frozen Oyster Stew. Our buyers are on hand to check the catch.



CAMPBELL BUYERS go into the corn patch to make sure we get only the tender, plump, and sweet ears.



GROWN TO ORDER—carrots raised by specially chosen growers get a close inspection by Campbell buyers.



SUNDAY-DINNER QUALITY in turkeys and chickens. All are carefully inspected by the government and by Campbell's.



SO CRISP IT SNAPS WITH A "POP"—that's what our buyers look for when they go out in the fields shopping for celery.



TREE-RIPENED PEACHES selected for flavor and sweetness—they're the only kind used in Swanson's Frozen Peach Pies.

*World's most persnickety buyers shop for **Campbell Quality***

We go to the source to make sure our cooks "begin with the best"

When you cook for company, you're probably extra particular about the meats and vegetables you buy. The same holds true for Campbell's—except we cook for company every day.

Of course, the surest way to get the best is to go to market and do the picking yourself. Our Campbell shoppers are able to go further than this, though. They do much of their buying right at the source, no matter how far away.

Distance is no object

With vegetables, for instance, they often check with growers and even scout out the best fields themselves.

In the case of seafoods, such as oysters, clams and shrimp, the Campbell shoppers are known to go right down to the docks to make sure our

chefs get the freshest, choicest catch to cook with.

Even science lends a hand

Experienced as these men are, they still don't rely solely on their own expert judgment of flavor and freshness. To make doubly sure everything they buy meets the Campbell standards, they use the latest scientific instruments to test for moisture, color, and tenderness.

Going out and choosing ingredients personally, and checking and rechecking all the way down the line, probably sounds like a lot of extra trouble and expense. But we think you can taste this extra care in our cooking.

It's really the only way to do things when you're guided by this motto: "To make the best, begin with the best—then cook with extra care."

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and twice the luxury...**

in fabulous Soft-Weve, the bathroom
tissue that gives you everything!

Finest "facial quality,"
luxurious 2-ply softness,

new Soft-Weve perforations,
neat and easy-to-tear...

and the loveliest "negligee" colors,
soft pastels as enchanting as
the fabulous negligees specially
designed to match them.

See the Soft-Weve colors in the new
transparent wrap that shows you their
special softness. And for you who love
white, there's snowy Soft-Weve in its
own famous, individual wrap!

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little luxury
in your home**



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2-PLY TISSUE BY SCOTT

SCOTT
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FACIAL QUALITY
TWO-PLY TISSUE

Dream negligees designed to match Soft-Weve negligee colors...

*Opposite page: Green silk taffeta by Count Sarmi. Bare lamé
chiffon by Yanni. Pink crepe de chine by Count Sarmi.
White crush-pleated Irish linen by Sybil Connolly.*

*This page: Yellow silk-and-satin by Ferreras. Pink peau de soie
by Scaasi. Soft-Weve in five lovely colors by Scott.*





Members in good standing of the FOUR ROSES SOCIETY

(Have you joined?)

They're sociable as all get-out in the FRS. But mighty particular, too. Their one and only bar brand is Four Roses—and for good reason.

They want a whiskey with strength, but they want it smoothed out and mellow-perfect. Only

Four Roses can fill that bill with the finest flavor ever cradled in a barrel.

Join the happy members, East and West. Walk straight away to your favorite tavern or store and ask for the flavor that founded a Society.

FOUR ROSES — No other full-strength whiskey is so smooth!



A LOOK AT THE WORLD'S WEEK



PIER AND HER PERRY

In London, Film Star Pier Angeli gave her son Perry, 3, a squeeze and denied she "kidnaped" him—although her crooner husband, Vic Damone, had a court order restraining her from leaving California with Perry. Damone blamed the trouble on Pier's mother and his temper.



A SNOWY LOOK TO A 'SCRAMBLE'

Grinding through a curtain of wet snowflakes, cyclists made a striking—but incongruous—for last week—picture in Palmerton, Pa. Their club "scramble," run over a hilly 25-mile course, started in favorable weather. But before it was over six machines skidded off the suddenly slippery trails and had to give up.



FAMILIAR BEARDS ON CAPITOL STEPS

Some familiar beards, symbols of Fidel Castro's successful Cuban revolt, turned up at the U.S. Capitol. Castro (left, with Cuban Ambassador Ernesto D'Elgueta) and his followers made a heavily guarded visit to Washington, where the premier tried to convince senators there was no Communist threat in Cuba.

CONNIE'S BREAKDOWN→

At her trial in Indianapolis, Connie Nicholas sobbed into a braced hand, injured, she said, when she shot her lover, Forrest Teel. The prosecution charged murder. She said it was an accident. The jurors' verdict: voluntary manslaughter, with a two-to-21-year sentence.



A PLEA FOR FREEDOM

In native smock and hat East Africa's most articulate nationalist addressed an Africa Freedom Day rally in New York. Tom Mboya, 28-year-old labor leader in Kenya, is in the U.S. to stir up support for his movement. His goal: Kenya's independence in five years—or less.



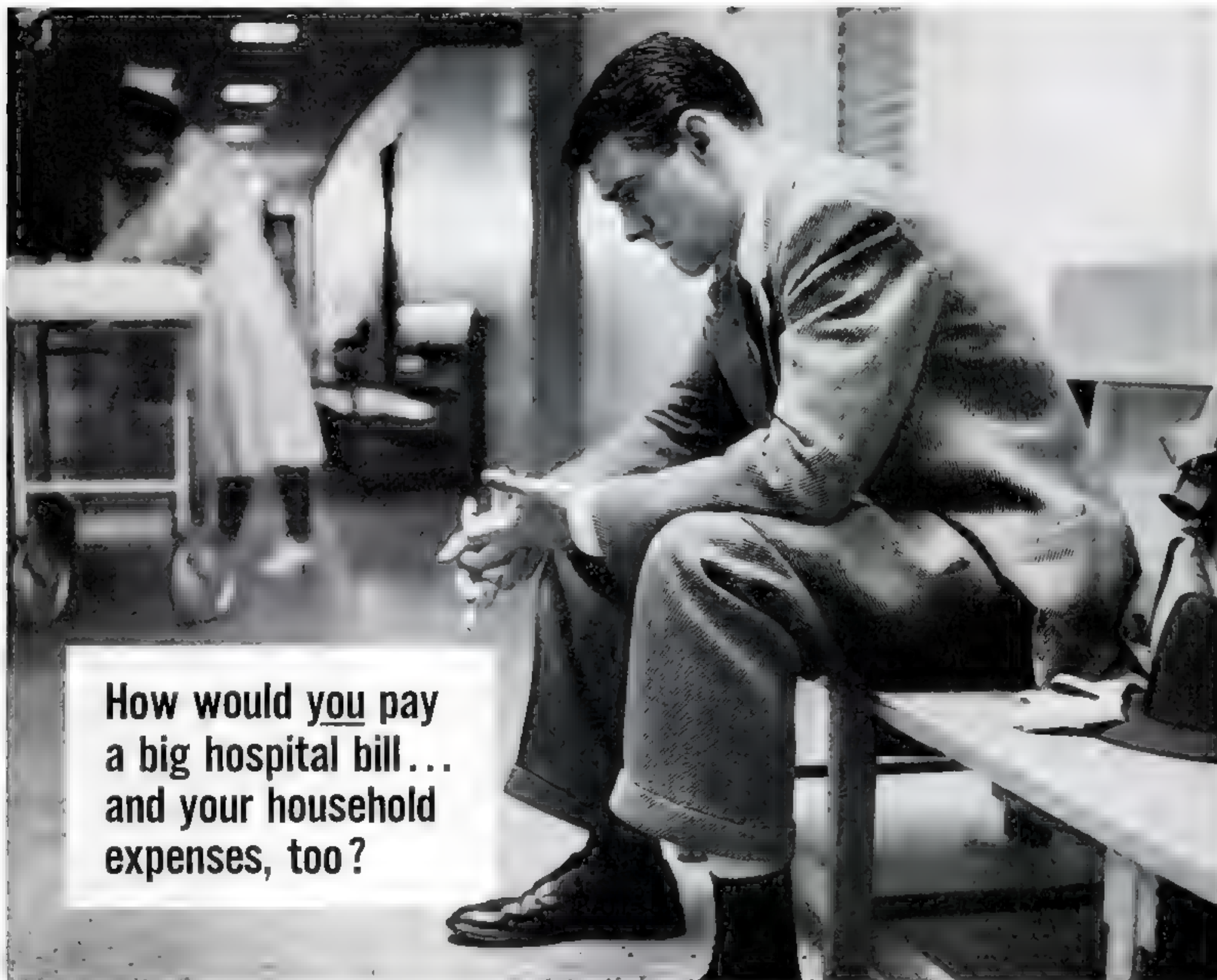
CAMPY'S PLAY ON OPENING DAY

With a push of his paralyzed hands, Roy Campanella, steadied by former Dodger teammate Pee Wee Reese, flipped a baseball to Pitcher Johnny Podres at the start of the home season in Los Angeles. Unable to grip the ball or throw normally, he had to cradle it in his hands before tossing it.



CHARLIE'S THREE SCORE AND TEN

With childish delight, Charlie Chaplin unwrapped a 70th birthday present of glassware from his 10-year-old daughter Josephine at his home on Lake Geneva. Sharing his joy was Geraldine, 14 (left), a first child and striking likeness of wife Oona, and five more of the comedian's children.



How would you pay
a big hospital bill...
and your household
expenses, too?

MONEY can help you when you need money most!

Unexpected hospital and surgery expenses can drain the family savings. And if *Dad* is laid up, his *paycheck* may stop, too...

That's why so many people now carry a personalized MONEY Hospital Policy...or MONEY Disability Income Policy. Many men with families carry *both*!

MONEY's Hospital Policy, individual or family plan: MONEY's deductible hospital policy is similar, in principle, to automobile collision insurance—you pay smaller bills, MONEY helps handle

bigger ones. And MONEY's wide range of deductibles permits you to select a plan to better fit your budget.

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THE DOLLARS
AND SENSE
OF ILLNESS
AND ACCIDENT



BIGGEST SHAREHOLDERS' MEETING—AND A 3-FOR-1 SPLIT

Spreading impressively over the vastness of a Bronx, N.Y. armory, more than 12 000 people gathered for the largest corporate meeting of stockholders ever held under one roof. Investors in the American Telephone

and Telegraph Company, they overwhelmingly approved a 3-for-1 split of stock. That was enough to touch off the heaviest Wall Street trading in weeks—not all of it, however, in necessarily sound stocks (*see Editorial*).



For the safe, dependable power they *must* have, more aircraft use Champions than any other spark plug. Above, Cessna float plane.

Q. Why do more aircraft the world over use Champions than any other spark plug?

A. In the air, *dependable* power is vital!
To get that same dependable power in your car, put in new Champions every 10,000 miles. You'll save gasoline, too!



World's favorite spark plug—engineered for every car built by Ford, General Motors, Chrysler, American Motors, Studebaker-Packard and every major foreign maker.

CHAMPION



America's giant new missiles take shape on rails of steel

Another example of how railroad progress goes hand in hand with U. S. progress

One of the most exciting and dramatic developments in America today is to be found in the skies above Cape Canaveral — as our mighty missiles thrust into outer space, exploring the frontier of the future.

America's progressive railroads are essential to almost every phase of missile production — hauling tremendous loads of raw materials, steel, electronic equipment, assemblies and subassemblies. No other form of transportation can do these great jobs with the efficiency and economy of the railroads.

The railroads are vital to America's defense and to the growth of its economy. The country — you — couldn't do without them.



RAILROAD PROGRESS: Ingenious machines such as this air-pressure ballast tamper help to assure smooth rides for passengers and freight.

AMERICA MOVES AHEAD WITH THE RAILROADS

Association of American Railroads, Washington, D. C.



ESSENTIAL TO THE NATION'S ECONOMY

JACK KENNEDY TAKES TWO TOUGH TESTS



READY TO MEET WITH METHODIST BISHOPS, KENNEDY (RIGHT) ENTERS CONFERENCE ROOM WITH G. BROMLEY OXNAM, PRESIDENT OF COUNCIL OF BISHOPS

METHODISTS GIVE HIM FAIR GRADE, WISCONSIN VOTERS AN 'A'

by WILLIAM K. GOOLRICK, *LIFE Washington Correspondent*

THE front-running candidate for the 1960 Democratic presidential nomination, Senator John F. Kennedy, has just met a couple of the most critical tests of the young campaign. In one the Catholic senator submitted to a going-over by a group of Protestant churchmen. In the other he conducted a risky political swing through Wisconsin, deep in the political territory of a competing candidate. When it was all over Kennedy had emerged stronger than ever, leaving other Democratic hopefuls strung out behind him.

Last week in a conference room on Capitol Hill, 50 Methodist bishops confronted the senator with a variety of questions. Kennedy had disturbed some Catholics by saying he believed in strict separation of church and state, and opposed the use of federal funds for parochial schools and the appointment of a U.S. ambassador to the Vatican. The Methodist clergymen, who were in Washington for a meeting of the church's Council of Bishops, told the senator they were gratified by this stand. But, they asked, what was his opinion

regarding Spain and other Catholic countries where freedom had been extinguished? Kennedy answered that the loss of liberty anywhere was deplorable but because a country was Catholic, it did not follow that its freedom must die. As an example he cited Catholic France.

After the 40-minute meeting the Senator and the bishops parted amicably. Kennedy had made a favorable impression on some, but others went away still implacably opposed to the election of a Catholic president. During the week the churchmen also met with several other presidential hopefuls—Vice President Nixon and Senators Lyndon Johnson and Hubert Humphrey. It was later reported that they ranked Humphrey first (he is a Congregationalist who often attends Methodist services), followed by Kennedy, Nixon (a Quaker) and Johnson (Christian Church).

Before meeting the bishops Kennedy had already exposed himself to a severe test. He had made a swift speaking tour through the state of

Wisconsin, the backyard of Minnesota's Humphrey. It is also a farm state—and Kennedy's record on farm policy is supposed to be one of his weakest points. Wisconsin could provide some interesting hints.

Kennedy still maintains the fiction that he is not an active candidate but in Wisconsin he obviously was running hard. The excuse for the trip was an invitation to address a Gridiron Club dinner in Milwaukee, the kind of bid that a Massachusetts senator normally finds it easy to decline. Kennedy visited not only Milwaukee but also Sheboygan, Beloit, Janesville, Madison and Appleton.

Partly because the tour had been so carefully prepared in advance (Kennedy's office sent advance letters to 8,000 Wisconsinites, urging them to come out and see the senator), it was a huge success. Everywhere he went Kennedy drew big, enthusiastic crowds. Many of his listeners were Republicans, some of whom had traveled 100 miles to hear him. At Appleton, winding up his tour of the state, the Massachusetts senator met criticism of his



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The Scotch with Character

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KENNEDY CONTINUED

farm views head-on with a proposal for a broadened program of farm cooperatives that sounded good to farmers.

All Kennedy's formidable assets as a campaigner, including his stunning wife Jacqueline, were on display in Wisconsin. Politically, Kennedy is the first good switch hitter the Democrats have come up with in many a season. Candidate Estes Kefauver was perhaps the greatest American handshaker in recent years, but he was one of the world's most soporific speakers. Adlai Stevenson was an orator of uncommon eloquence, but he was a mediocre glad-hander. Jack Kennedy showed on his Midwestern trip that he is equally adept on the pavements and the platform.

When women meet him they give off the kind of glow usually reserved for movie stars. In Milwaukee a starry-eyed waitress who got his autograph whispered admiringly, "He's got sort of an all-American, wholesome face." In Sheboygan a middle-aged housewife listened to his speech and later confided to her husband, "I believe in everything he believes in." Students of Beloit College hung on every word, followed him outdoors as if he were the Pied Piper, then stood in an ogling semicircle until he drove away.

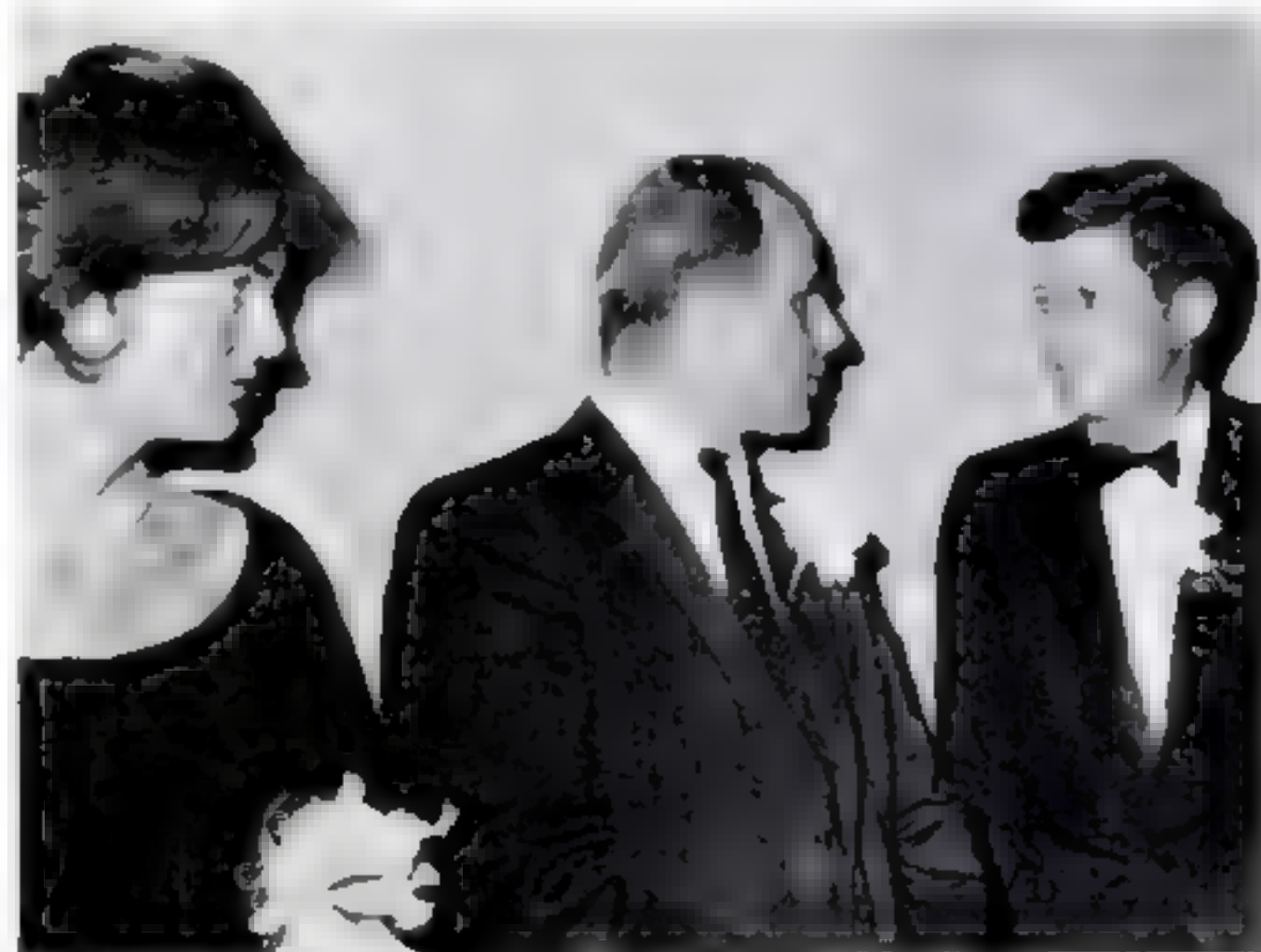
On the platform Kennedy successfully mixed impassioned oratory and erudition. "He's a dynamic speaker," said an elderly Republican in Janesville. Talking to students at the University of Wisconsin, Kennedy quoted Goethe, William Faulkner, Artemus Ward, Woodrow Wilson, Bismarck, Finley Peter Dunne, Swift, Emerson, Lord Asquith, Tennyson and Queen Victoria all in the same speech.

Kennedy's campaign is more a personality display than a crusade. There are no burning issues. Instead the crowds get an image of a vigorous, intelligent and immensely attractive young man. The incalculable factor of the campaign is religion. As one Democratic strategist remarked last week, "You can't tell about it until after the election, and I am not sure you can tell about it then. People will rationalize the thing. They will say they voted against him because of foreign policy or this or that, and all the while religion was in the back of their minds."

One factor hurts Kennedy with his party's old-line professionals even more than religion: his youthful appearance. Up close he looks his age (42 next month). But from a distance, with his great shock of ungraying hair and his lean figure, he looks like a student. To the politicians his appearance of immaturity is a definite handicap. The fact that he is mature is beside the point.

Nevertheless, the senator unquestionably is having an impact on party professionals. While he was in Wisconsin the Chicago *Daily News* published the results of a poll taken of delegates to the 1956 Democratic convention. A whopping 409 of them said that if the convention were held today, they would vote for Kennedy. Only 259 favored his nearest rival, Senator Stuart Symington of Missouri.

Senator Kennedy went into Wisconsin undecided about whether he would enter that state's primary in April 1960. The Wisconsin primary killed Wendell Willkie's political hopes in 1944. Kennedy will not jeopardize his chances by running there unless Hubert Humphrey begins to offer a serious national challenge. Humphrey definitely plans to enter the primary. He will visit Wisconsin briefly in June and scour the state in the fall. Kennedy's decision on the primary will not be made until around the end of the year. But last week after his highly successful Wisconsin tour the prospect looked tempting.

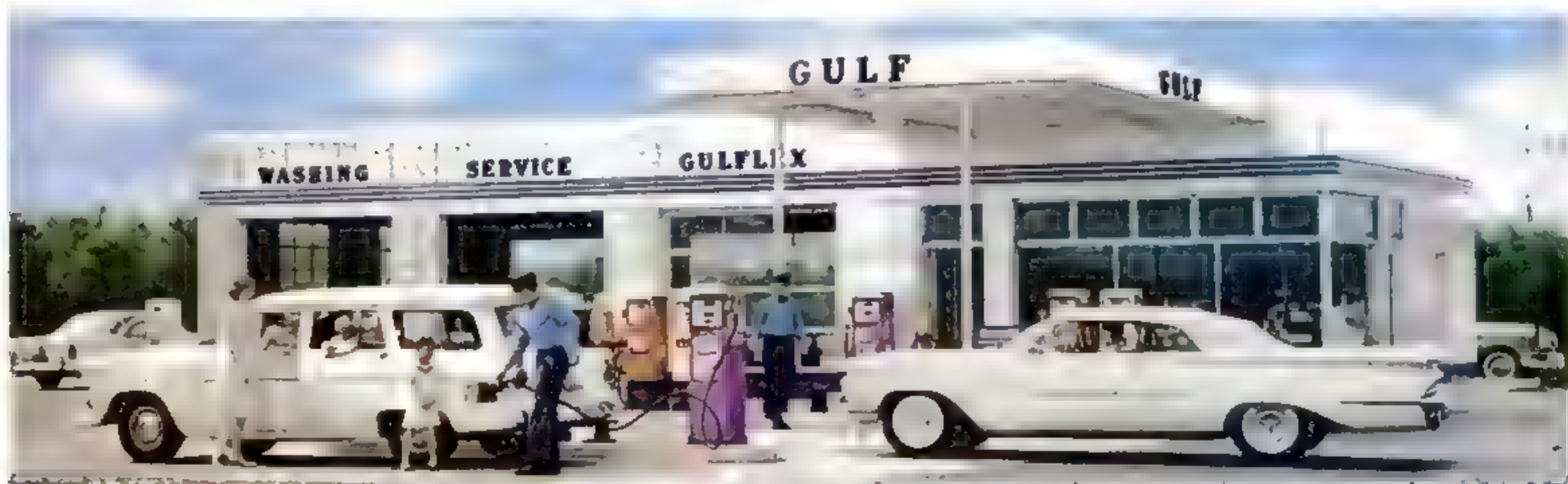


MEETING TOP WISCONSINITE. Senator Kennedy and wife Jacqueline are welcomed by Governor Gaylord Nelson, first Democrat to hold job since 1938.



Gulf cares

You get the finest service where you get the finest products—
at that clean, friendly Gulf station. Stop there for Gulfpride
Select, the motor oil that *works* as clean as it *looks*. And
it won't break down, even under the most severe driving.





5 beautiful colors in search of a name! Name them and win cash. Details below!

NEW CRAZE IN TOOTH

**5 NEW DR. WEST'S
BRING BRIGHT NEW ACCENTS
TO THE BATHROOM SCENE**

The most famous toothbrushes in the world for brightening your smile now in fashion's newest colors to brighten your bathroom scene. New Dr. West's "Germ-Fighter" Toothbrushes come in brilliant new hues to match or complement your bathroom accessories. These toothbrushes are made to be seen as well as used.

But most importantly, Dr. West's "Germ-Fighters" are the finest possible tooth cleansing instruments—and the safest. Famous non-wilt bristles.



BRUSH COLORS

Shaped right to clean right. And a special anti-bacterial process* makes these the toothbrushes that won't pass along germs.

American Dental Association survey reveals 2 out of 3 toothbrushes now in use in American homes have bristles that are bent, broken or matted—need replacing right away. Take a good look at yours.

Now Dr. West's children's toothbrushes come in fashion colors, too! Buy your child a new Dr. West's to match yours! Copy, 1966 by West Products Co. *Pat. applied for



Win in Dr. West's All Cash "Name the Color" Contest! What names would you give the 5 new Dr. West's toothbrush colors? See them at drug counters. Entry blanks at the Dr. West's display. Nothing to buy.



He's wearing the Sea King with curved-link expansion band. Yellow or white. \$45

Now—for the man of action—a watch with a totally new design. Clean, clean and uncluttered. A shadow-slim waterproof*. . . with that "ready for action" look, and all these "ready for action" features:

- Certified Waterproof* by the United States Testing Co., Inc.
- Shock-resistant
- Anti-magnetic
- 17-jewels
- Unbreakable mainspring
- Radium dial (7 models)
- Sweep second-hand

The Sea King looks and acts like a lot more than it costs—as little as \$39.75. Other fine Bulova watches are priced from \$29.75 to \$2500. Visit your authorized Bulova jeweler soon.

*When case, crystals and crown are intact.

NEW BULOVA sea[👑]king

The thinnest waterproof* we've ever made to sell at this price **\$39⁷⁵**



Crisp, modern and slim! This Sea King comes with padded leather strap. Yellow or white. \$39.75



Sea King with curved link expansion band. Yellow or white. \$45

All prices include Federal Tax.



Shown with charcoal dial, this Sea King comes with straight-linked expansion band. Also with white dial. \$49.50

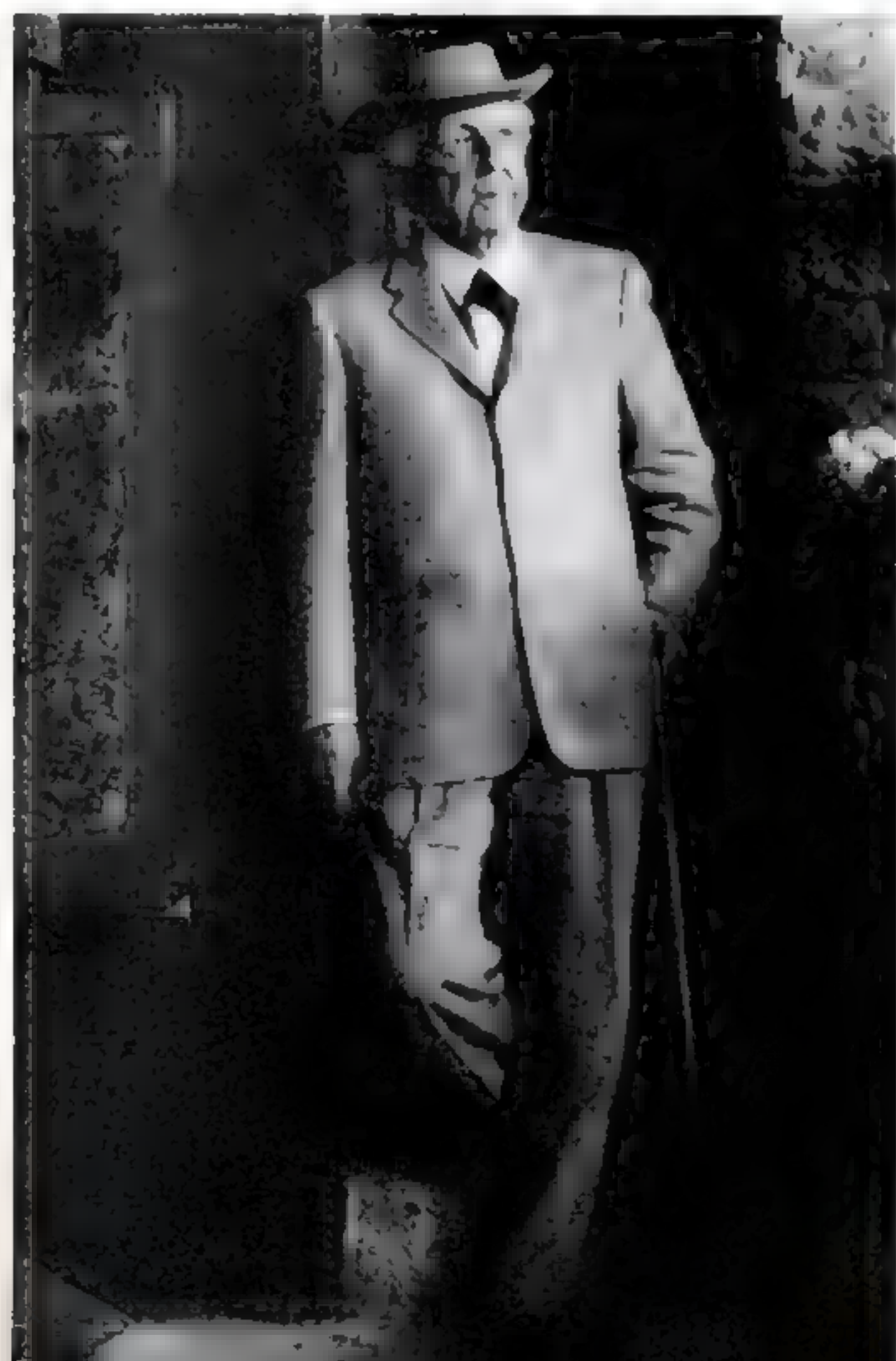


Sea King with gold-colored, non-luminous dial—basket-weave expansion band. Also with white radium dial. \$59.50

LOOK FOR THAT BULOVA DIFFERENCE



BELOW WRIGHT'S HOME TALIESIN IN SPRING GREEN, WIS. FARM HORSES PULL GRAIN WAGON CARRYING COFFIN. FAMILY, NEIGHBORS AND STUDENTS FOLLOW



THE FINALE AT 89 FOR A FIERY GENIUS

Death ends Wright's flamboyant career

A horse-drawn wagon, rumbling over a country road in Wisconsin last week, bore the remains of one of the most creative and controversial personalities of our time. Frank Lloyd Wright had died a few days earlier at 89, in Phoenix, Ariz. Now back in the land where he was born, the flamboyant genius who had revolutionized modern architecture wound up his tenure on earth with old-fashioned simplicity.

The son of a minister, Wright began his unconventional career 70 years ago. Determined to be "the greatest architect of all time," he set out to create an "organic" architecture whose forms were directly related both to the function for which they were designed and the landscape in which they were placed. His low-slung houses, with their massive chimneys and slablike walls "married to the ground," created a sensation in an era when ornate mansions were the vogue. His office buildings, with their golf-tee columns, their spiky or rounded towers, were striking phenomena amid the rectangular steel structures that came to dominate U.S. cities.

In addition, Wright's eccentric getup, his barbed tongue and his tempestuous personal life transformed him into a fabulous myth, which he himself delighted in nurturing to his last days (following pages). But though the myth may somewhat obscure the man, the genius of Wright will live on in the triumphantly imaginative buildings that he created.

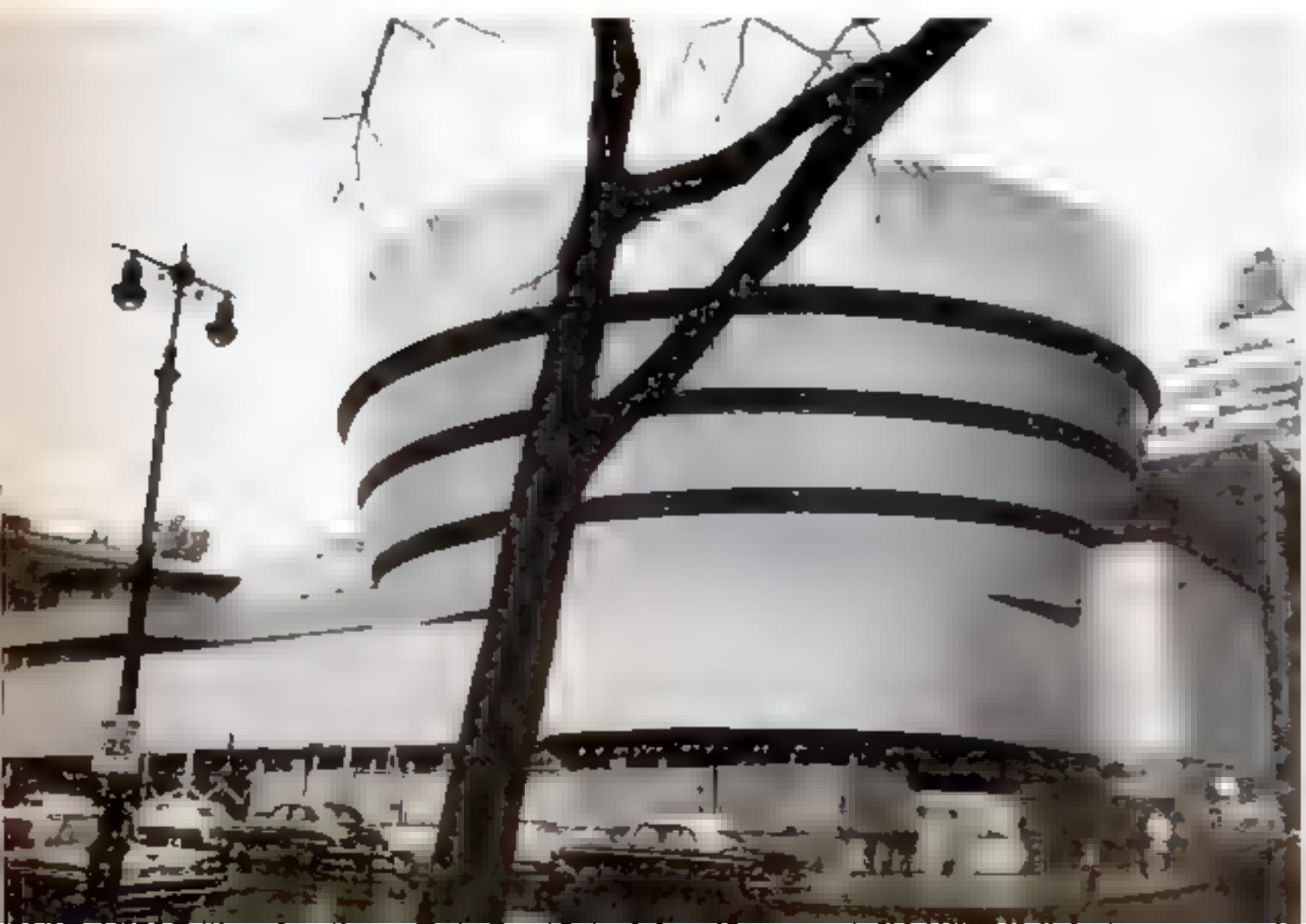
AGED 89, Wright still wore dapper look as he posed in doorway of his Wisconsin home. He passed peacefully but worked up to the end



TALIESIN WEST was built by Wright as a winter home near Phoenix in 1938. "Garden room" (above) has canvas walls which flip to join room to garden.



WORLD-FAMOUS HOUSE designed by Wright is Fairport, W. Va. at Bear Run, Pa. It has concrete terraces cantilevered like ledges over rocks and waterfalls.



WRIGHT CONTINUED



WRIGHT'S DISCIPLES, young architects who came to absorb his ideas, work in drafting room at Taliesin West. Wright (far left) carefully supervised work.

PRIDE AND PREJUDICES OF THE MASTER

by CRANSTON JONES, *TIME* Associate Editor

TWO months ago I paid a visit to Frank Lloyd Wright at his winter home, Taliesin West, in the desert near Phoenix, Ariz. As a weekend guest I saw Wright playing his role of great man to the hilt. I also saw the relaxed Wright, the very human man behind the myth.

We talked about the famous Taliesin house, angular and canvas-topped. "You ask where I got the architecture from," Wright said as we stood on the terrace. "Why, from the desert and the mountains. The mountains are full of 30° and 60° angles. I just dug them out. The result is to make this house a kind of ship, a ship in the desert. I always wanted a ship, but on dry land. I'm a bad sailor, even though I've had to cross the ocean 26 times.

"Of course, civilization is closing in on us out here now. See those high-tension wires? A sneak attack! They hid them in the bushes so we couldn't see them. Then one morning they put them up before we could stop them. We're going to do something about it, though. Right now we're building a new road so we won't have to see them."

Wright suggested we take a ride. Cars had always been a passion with him. His last favorite was a custom-built Bentley Sports Saloon. As we sped over the desert ("Faster!" Wright would occasionally urge the driver), he seemed deep in thought. "You know," he said, "if I can just stay above ground for, well, three more years, we can bring in \$3 million in fees. There has never been so much work. Right now we have contracts for over 80 buildings, counting churches and houses.

"A man slows down with age. It's inevitable. But I find it no drawback. I can do double, no, 10 times the work I once could. Now I just shake the answers out of my sleeve. That comes from following the main line, a central line. Then everything becomes all of a piece—one thing, a great unity. With nature, not against nature. From inside out, not outside in. Every building is an experiment, but in the same direction. That's why I have to keep going. I can't rest. I never could. I don't like sitting. First, it's undignified to squat. A man should stand erect. And now that I'm older, I get stiff."

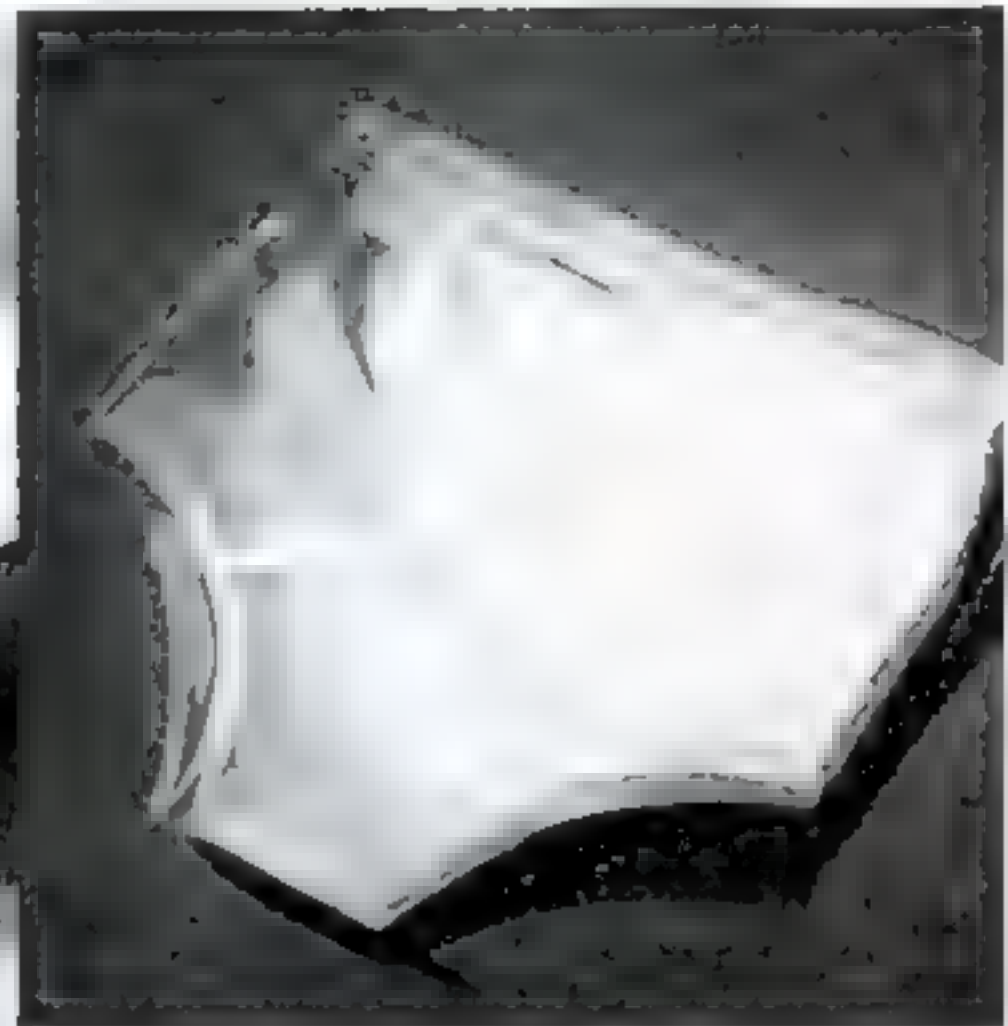
That night, as always on Sunday evenings at Taliesin, there was a party. Wright's 65 or so architectural apprentices scrounged the desert for foliage and blooms. Guests arrived from Phoenix and Scottsdale. The Master made a magnificent delayed entrance, dressed in white from head to toe, with a gold chain around his neck and, for contrast, a jet-black cape tossed imperiously about his shoulders. Presently he called for "the skyscraper," which turned out to be a column of octagonal

CONTINUED

SPIRAL MUSEUM in New York, designed to house modern art collection of Guggenheim Foundation, has a corkscrew ramp as its main gallery.

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WRIGHT CONTINUED

boxes containing his 18 gold medals. Wright displayed them lovingly. "The Gold Medal of the Royal Institute of British Architects," he said. "Feel the weight. Good guinea gold. Given me by King George VI. And this one, from the American Institute of Architects. I never would join them, you know. Now this one with the red and white ribbon. Know what it is? The medal of the City of Florence. It's the medal Dante longed for and never got. Think of the long trail of history that gave this to me and not to him."

Mrs. Wright, regally striking in her long gown, drifted by and whispered to me, "Stop monopolizing Mr. Wright!" I stood up, but Wright grabbed my sleeve. "Sit down, young man," he commanded.

"You see," he said, "I wanted fame. I hungered for it! But am I famous? No, I am notorious. Don't you think I'm notorious?"

"In your way, yes," I replied.

Wright nodded. "They tell me I am the world's greatest architect. Perhaps I am." He darted a glance at me. "But who else is there?" Before I could answer, Wright ruled out one candidate.

"Michelangelo!" he scoffed. "All he did was set the Pantheon on top of the Parthenon. You know about his dome for St. Peter's, don't you? He got the chain up to hold it just in time. If he hadn't there would have been a disaster. Why, it's not a true dome at all."

I suggested Thomas Jefferson.

"You're right. If Thomas Jefferson were with us, he would be sitting where I am now, at the head of the table."

During supper the guests coaxed Wright to tell them which of the legends about him were true. "All of them, I suppose," Wright said. "You know the story about the house I built for Hib Johnson near Racine? The first night they had a party, it rained. Water leaked down the roof, right into the soup of the lady guest of honor. Hib ran to the telephone and asked me what to do. 'Ask the lady to move over,' I said." As the laughter from the guests subsided, Wright went on, "Of course, it never happened. But it's a good one. I approve it. Now even Hib is passing it off as true."

Before I left, Wright took me into his drafting room. We walked to the corner table and sat down on the long sheepskin-covered bench. He began turning over the drawings. One showed a helicopter that looked like a top, another a huge chariot of an automobile. There was a sketch for a chapel set up in the air with ramps leading to it and a parking lot below. Unrolling another drawing, he said, "This is a Greek Orthodox church. Look at it. Isn't it a thousand times more Byzantine than anything they could have copied?"

The last drawing he unrolled showed a surprisingly simple structure, an open pavilion with thin columns supporting a flat roof with broad overhanging eaves, all set against rolling hills. I glanced at the lettering in the lower left corner. It was the mausoleum chapel for Frank Lloyd Wright. For a moment Wright seemed embarrassed. Then, clearing his throat, he said, "I guess you can call this taking architecture all the way. This is where I will be buried, in the crypt beneath. Above the crypt the floor will be black marble, very simple, very beautiful."

It was time to go. Wright rose and we shook hands. He paused a moment, then said, "The thing to do is play it straight. Every time I have compromised, it has grown like a great cloud of accusation against me. Play it straight."

As I walked out the door, Wright had settled back at his drafting table. His hand was busy shading in the drawing.



EXPOUNDING THEORIES. Wright used both cane and hand to explain construction problem to workmen during building of new Guggenheim Museum.



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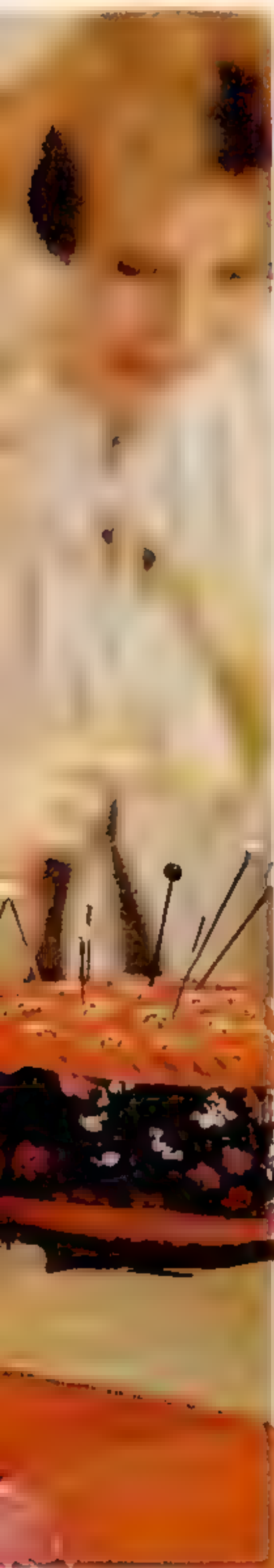
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WITH HER FINGERS TINKLING KEYS IN LADYLIKE GRACE, TIU BEE LIN PLAYS A CONCERT ON CHICAGO RADIO SHOW

Pig-tailed Piano Prodigy

Pig-tailed Tiu Bee Lin, picking out a Mozart sonata (above), first scrambled up on the piano bench a year ago in her father's Hong Kong hotel. Tiu Bee could not read music—or anything else—but she built up a repertoire memorizing phonograph records.

In a year she was well on into Bach and was a young lady of full 5½ years when a scout suggested

her to ABC radio's Don McNeil who had her last month on his *Breakfast Club* show. There she ripped through much of her repertoire without a squirm or a clinker and bowed with vast Oriental aplomb when finished. She has firm plans for spending her fees. They will go for music lessons back home where the first thing she plans to learn is to read music.

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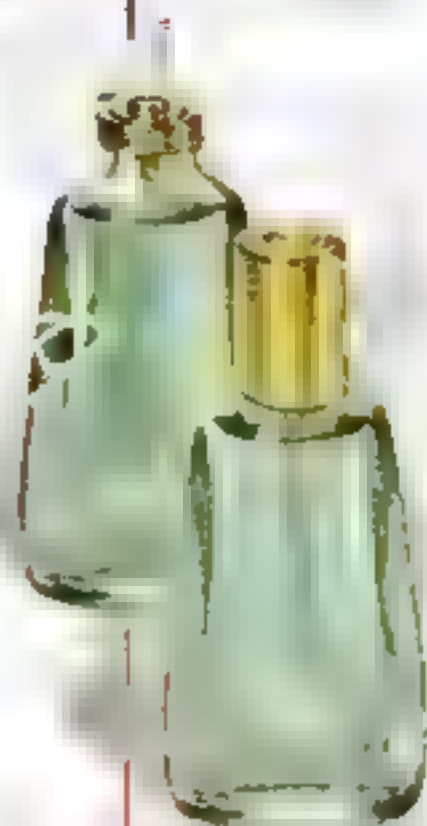
LAUGHING GLEEFULLY, Tiu Bee Lin proudly displays a picture of her six brothers and sisters she left at home. Her parents flew with her to U.S.



WATCHING OTHERS PERFORM, she studies studio stage intently. Although she did not understand a word being said, she found the show funny.



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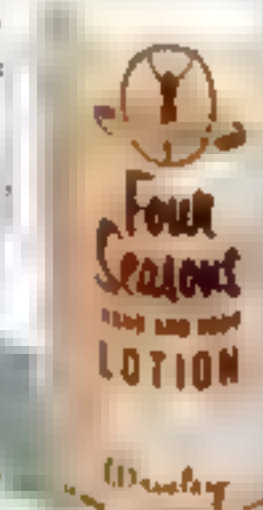


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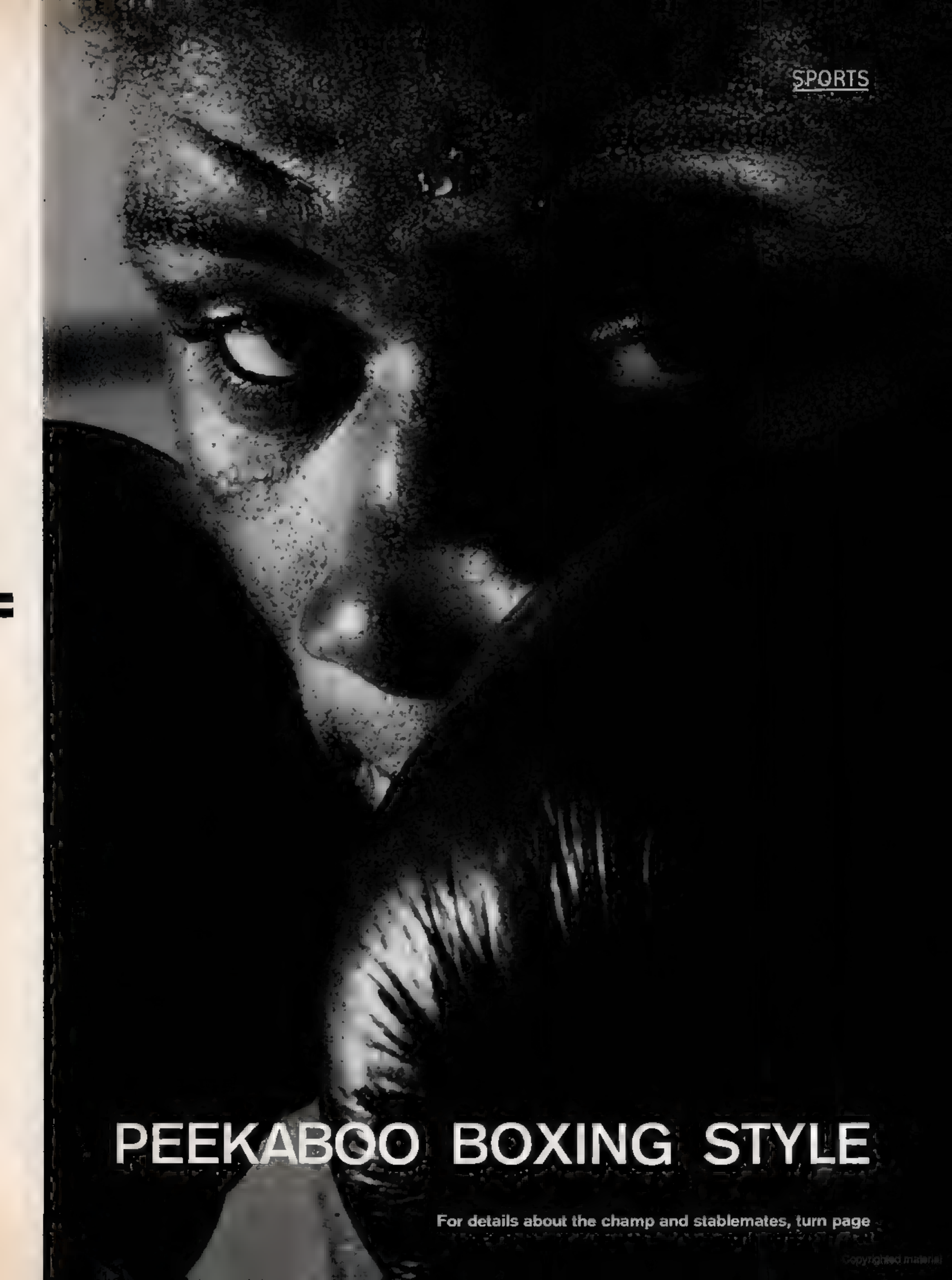
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SPORTS

PEEKABOO BOXING STYLE

For details about the champ and stablemates, turn page

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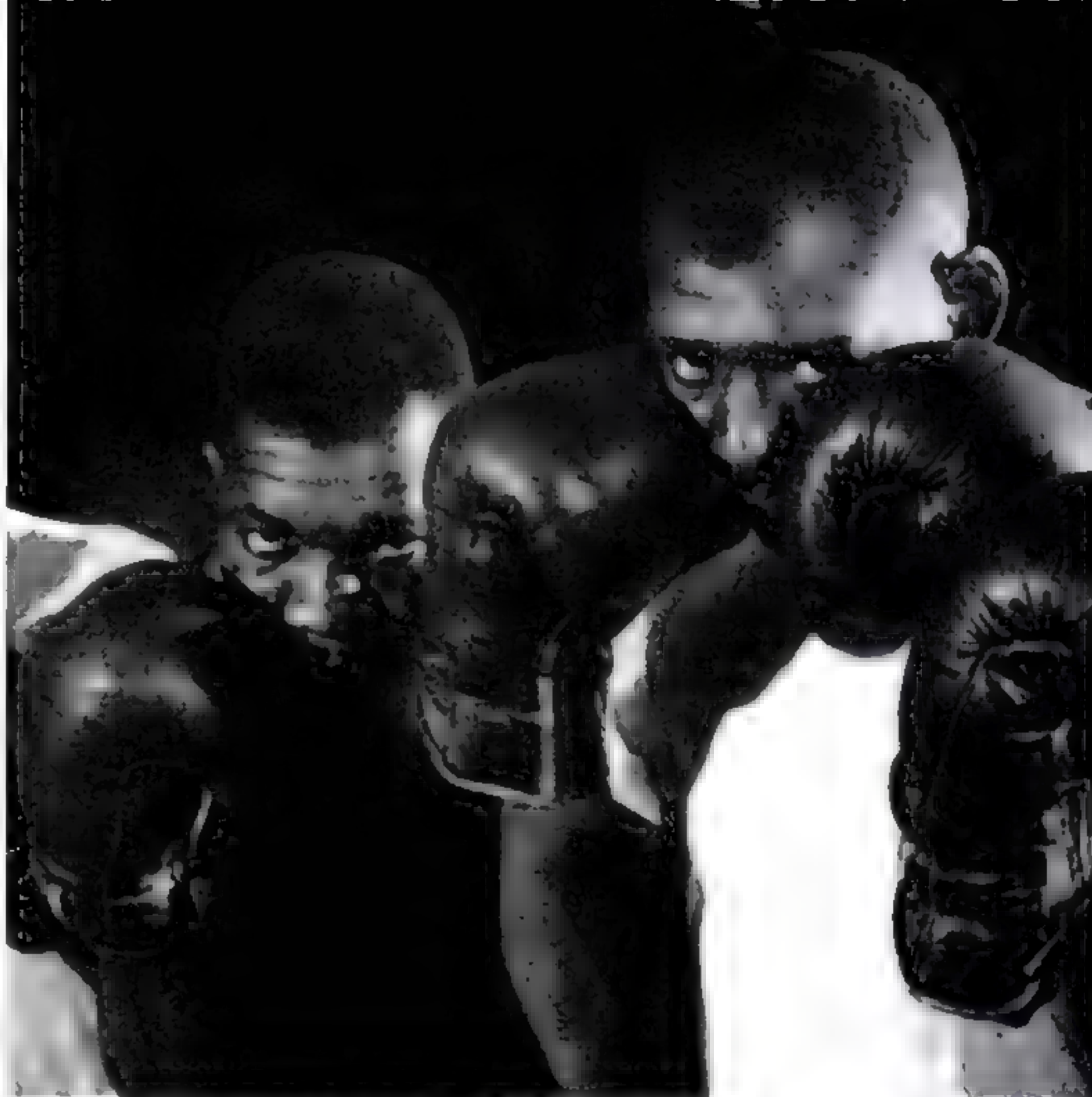
PEEKABOO CONTINUED

A COVERED-UP DEFENSE IS HARD TO BEAT

The menacing eyes peeking out from behind the boxing gloves on the preceding page belong to Floyd Patterson. He is the heavyweight champion of the world and also the chief proponent of a new look in boxing—the “peekaboo” style. In the next couple of months he will show off the usefulness of the style in two defenses of his title, first against Britain’s Brian London next month, and then against Sweden’s Ingemar Johansson in June.

The peekaboo style, as taught by Patterson’s garrulous manager, Cus D’Amato, is a radical departure from the classic stance of John L. Sullivan—right hand cocked, the left extended—or the wide-open, hit-me-if-you-can style of Jersey Joe Walcott who fought with his hands practically at his sides. The peekaboo boxer never lets his hands drop. Instead, gluing his gloves to his cheeks and clamping his elbows against his body, he sets up an almost impregnable barrier against his opponent.

Although primarily a defensive style, peekaboo can pack a winning wallop too. Patterson and his lesser known stablemates (*right*), all D’Amato-trained peekaboos, have chalked up a remarkable record of 75 victories against only three defeats. The champion Patterson leads the pack with 34 wins and only one loss.



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PEEKABOO CONTINUED



PEEKABOO OFFENSE is demonstrated by Cus D'Amato as he jabs his left hand at José Torres, one of his best pupils, who has won all 11 of his fights.

PRECEPTS OF PEEKING

Most teachers of boxing feel actions speak louder than words. Cus D'Amato (*LIFE*, Feb. 25, 1957) is not one of these. When a new boy wanders into his gym, he does not get a chance to put on the gloves until he has listened to the famous D'Amato lecture on the philosophy of peekaboo. This covers everything from fear to fun. But when it is over the boy either knows the rudiments of peekaboo or gets out.

"Every boy knows fear," Cus says, "but he won't admit it, even to himself. So I explain fear to him. Fear is your friend, not your enemy. Fear is like your arms and legs—it's the control of it that counts."

When a boy breaks down and admits he's afraid of getting hit, then he is ready for the peekaboo style. "To stop that fear," Cus continues, "you gotta be protected—not part of the time, not most of the time, but all of the time. You can't gamble by using the open stance. Because every time you gamble and lose you get hurt. And when a fighter gets hurt, he's intimidated, he thinks he's tired, pooped. He covers up. Now in my style you cover up from the start. You never gamble. The right arm is always protecting the liver, the left the solar plexus. The hands are protecting the chin. When you flick out with your left, the arm works like a piston. When you move, you move like an owl. Then suddenly you're not being hit and that means you're not being hurt. And when you're not being hurt is when boxing becomes fun. As soon as it's fun for a fighter, nothing's going to stop him."



PEEKABOO DEFENSE is shown off in the ring by Torres (*left*). Hitting sharply out of this protective covering, Torres beat Ike Jenkins by a TKO.

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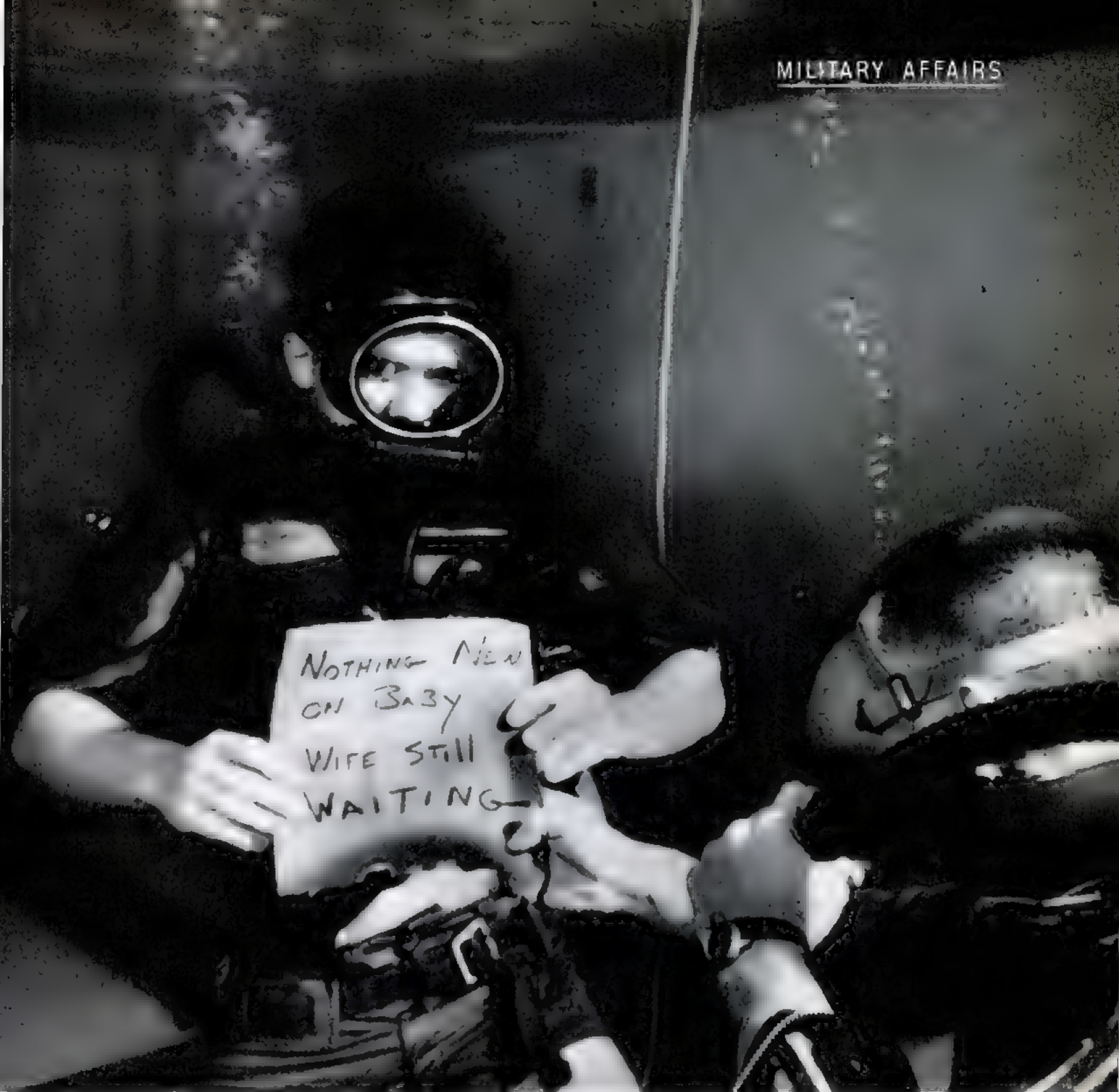
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AFTER 26 HOURS UNDER WATER, EXPECTANT FATHER MARTIN MOGK (LEFT) SHOWS FELLOW FROGMAN REASSURING MESSAGE FROM ABOVE ABOUT HIS WIFE

UNDERWATER WAY OF LIFE

Frogmen spend record 48 hours at pool bottom

U.S. Navy frogmen have become so expert at living under water that this month five of them set up housekeeping in a swimming pool at Norfolk, Va. and spent two domestic days down there. Though one man had to surface after 17 hours with defective equipment, the others stayed under for 48 hours, beating the world's record, said the Navy, by seven hours.

To pass the time the men read waterproofed

books, played games and kept in touch with one frogman's wife who was expecting a baby any moment. To simplify their meals, the sailors sipped soup and milk from plastic bottles. Though water temperature was 87 degrees, the men felt chilly from lack of exercise. An hour before they came up one diver had an urgent request. The water all around him made him so thirsty he wanted some fresh water to drink.



AT POOL MOGK'S WIFE (RIGHT) WATCHES HUSBAND ON CLOSED-CIRCUIT TV-->



WET PASTIME, game of rummy is played by (from *l/r*) Eugene Dunn, Martin Mogk, Robert Gallagher. They got fresh bottles of air about every 90 minutes, were visited every two hours by doctor for checkup.

ASLEEP IN THE DEEP, Charles Watson stretches out nine feet below surface. Equipment was heavy enough to keep men down. They suffered cramps, headaches and disband hands but recovered quickly.





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Top each bright dish of Jell-O with a swirl of Dream Whip.

Make a fluffy fantasy! Prepare 1 package of Jell-O as usual and chill until slightly thick. Prepare a package of Dream Whip... then chill. Then beat thickened Jell-O until it is fluffy. Now beat in Dream Whip and chill until firm.

Concoct a prize parfait with layers of Jell-O, Dream Whip and drained fruit cocktail. Make it way ahead of time... Dream Whip won't wilt or separate!



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MORE DREAMS

Make a big, bright, beautiful Jell-O mold in your favorite flavor. At dessert-time, pile on clouds of Dream Whip with artistic abandon. (Don't worry ... both Jell-O and Dream Whip are low in calories!)

Prepare one package each of Lemon, Orange, Strawberry Jell-O and chill separately until slightly thick. Prepare 1 package of Dream Whip and chill. Now spoon the Dream Whip into parfait glasses, alternating with bright spoonfuls of the different Jell-O flavors. Chill until dream time.

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Don't let this week go by without **JELL-O**



IN AN 1849 SATIRE ON THE FURIOUS SCRAMBLE TO GET CALIFORNIA'S GOLD, THE WOULD-BE MINERS USE AIRSHIPS AND ROCKETS

THE GREAT GOLD RUSH DAYS

Rowdy '49ers entrenched the nation in California

John Augustus Sutter tried to keep the news quiet—news of the shining flakes found that morning in January 1848 in the tailrace of his new sawmill. But the secret could not be kept. "Gold! Gold! Gold from the American River," cried a man, waving a bottle of the dust in the streets of San Francisco. The story of the discovery at Sutter's Mill, northeast of San Francisco, reached the east and all the world. The rush to California was on and it would multiply a hundredfold America's great westward migration whose beginnings LIFE told last week in Part III of its series, "How the West Was Won."

From across the seas, as 1849 began, Irishmen, Dutchmen, Chinese, Frenchmen, Australians set sail for the bonanza country. Americans in the east fought their way onto any ship that seemed seaworthy and began the long, rough journey around Cape Horn to 'Frisco. Others aimed for Panama. Yellow fever felled hundreds of them but this way was weeks shorter. Still others—by the tens of thousands—rushed to the Missouri and headed overland in wagons. The cry was California, the

quicker the better, as one oddly prophetic cartoon showed (above).

Gold made the fortunes of many of the forty-niners; it ruined John Sutter. A Swiss-born soldier of fortune, he had come to California in 1839 and built a prosperous colony—and then his sawmill. Now in the gold rush his settlement lay astride the path to what became the Mother Lode Country. Docking in San Francisco, the new Argonauts pushed inland with little more than picks, shovels and hope. Out of the Sierras stumbled the overland parties, half dead but indefatigably eager. In their advance they trampled Sutter's fields, accepted his food and animals and rarely repaid him, and eventually squatted his lands out from under him. California belatedly gave him a small pension and a title and his settlement, now Sacramento, is its capital. But he ended bitter and nearly penniless, in Pennsylvania.

For nearly all the forty-niners the gold in time ran out. But they stayed on to build the more lasting prosperity of families, farms and shops. For the whole nation the true bonanza was the dynamic new colony entrenched from the Sierras to the Pacific shore.

A LITERARY BONANZA

One of the great Western historical finds of recent years is given its first publication in this issue of LIFE. It is the newly discovered diary of Alf Doten, a young forty-miner who led a vigilante gang at the age of 22 and recorded, in richly revealing detail, the turbulent lives of the miners. The diary is printed after these 11 color pages.





COURTESY REGINALD WALKER

CABALLERO in California with his silver-trimmed breeches, jacket and bridle was a relic of the region's Spanish-Mexican period when ranching was its business, cowhides its currency and superb horsemanship its proud pastime.

SONOMA (*right*), built by Mexicans to guard California's northern boundary, was seized by Americans who raised the Bear Flag above it in 1846. The fort was flying the U.S. flag when an unknown artist sketched it about 1847.



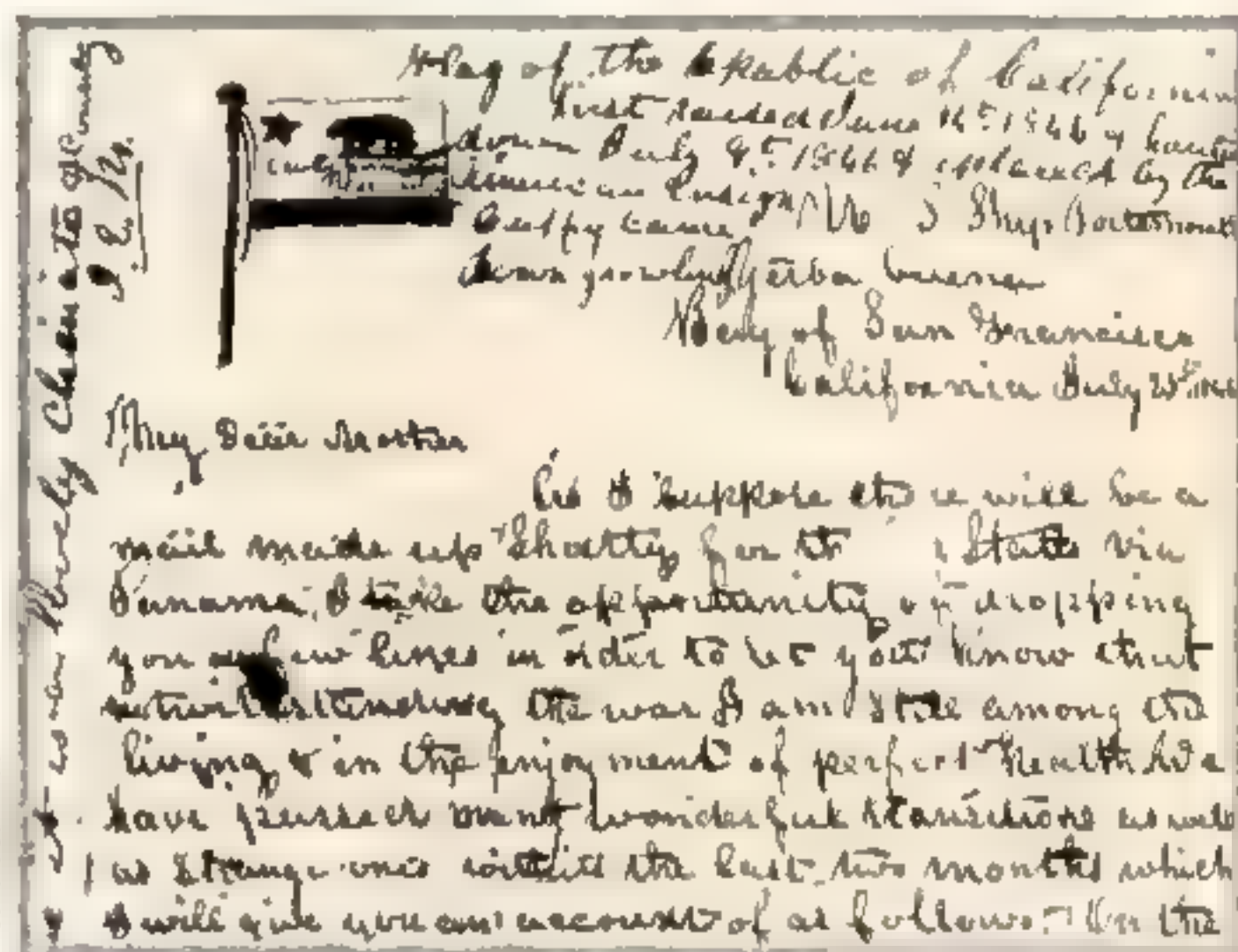
BLOODIEST BATTLE of the war in California came at San Pasqual where Mexicans launched hit-and-run attack on General Kearny's forces. Kearny, twice wounded, lost 18 men. A U.S. sailor, William Meyers, sketched the fight.

Violent Wrench from Pastoral Past

The California in which the gold rush was now exploding had been named by a conquistador after a mythical island of pearls and gold in a 15th Century Spanish novel. Spain had colonized the region in the 18th Century and ranchero settlers had created a prosperous pastoral economy. But by 1840 California was a neglected province of a Mexico now free of Spain. There were only 14,000 non-Indians in the whole area and California was being eagerly eyed by several foreign powers.

Russia had built Fort Ross north of San Francisco. Britain had men-of-war maneuvering off the coast. The Bible-toting trapper Jedediah Smith and other mountain men made trails into California from the southwest. U.S. Presidents Jackson and Tyler tried to buy California.

Native Californios staged a short-lived revolt for independence from Mexico in 1836. Then, in 1846, American settlers seized Sonoma and proclaimed the Bear Flag Republic. Though they did not know it, the Mexican War had begun. Settlers and troops under General Stephen Kearny and Commodore Robert Stockton soon put down the Mexican resistance. As the gold rush began, California was pushing for statehood.



BEAR FLAG of the republic proclaimed by Americans in 1846 was sketched by John Montgomery in a letter to his mother. Later, escorting a payroll to U.S. troops near Sacramento, Montgomery disappeared, probably murdered.





HOEDLER ART GALLERIES NEW YORK

AT THE DIGGINGS a team of miners works its claims. The man at left loosens dirt to be panned. Working the pan is probably the artist, Albertis



CROSSING PANAMA, a load of Argonauts head up Chagres River on short cut to the gold. Landing on the coast, they took native "burgos"

apriver, then mules to Panama City for ships to San Francisco. Many contracted yellow fever. Charles Nahl, who made trip, painted the scene



HOEDLER ART GALLERIES NEW YORK



Brower, himself, The man at right runs a cradle. Another team at rear struggles to move a boulder so they can clear the land for prospecting.



STANFORD UNIVERSITY

TIME OFF on Saturday is enjoyed by six miners who share a one-room cabin. One man weighs the week's dust as another gets soused. The cook for

the day fixes supper. An exhausted miner sleeps on the double-decker bunk. Artist Charles Nahl lived this way in his unsuccessful mining days

Hard Quest for Pay Dirt

"I'll scrape the mountains clean, old girl," the forty-miners sang to *Oh, Susanna*, "I'm off to California with my washbowl on my knee." "If I don't pick up more than a hatful of gold a day," wrote one Argonaut, "I shall be perfectly satisfied."

After the arduous journey to get there the hard times really began. Panning for gold in icy streams or under a merciless sun, a man was lucky to make expenses: picks were \$20 apiece, a potato cost a dollar. At that, the

easy gold a man could pan soon ran out. Partnerships formed to work the more elaborate mining systems. There were cradles, essentially large wooden pans built on rockers, and "long toms," sluices (often hollowed trees) in which running water washed pay dirt.

Came Sunday and there was boisterous surcease, lubricated with ".42-caliber whisky," enlivened with dances, rassing matches and a shooting or two. Next week forever held the promise of a big strike and a spree in 'Frisco



COURTESY JEN. ARTRY

SUPPLY WAGON (left) rolls into a mine camp carrying everything from beans to bedding and shovels. Returning, it hauled gold dust to smelter.

AT STAG DANCE (above) miners take part of ladies to provide partners. "Ladies" often wore handkerchiefs on sleeves to identify themselves.



NEW YORK HISTORICAL SOCIETY

BEACHED SHIPS, abandoned by gold-seeking crews in San Francisco, were dragged to dry land, turned into stores and hotels in a city desperately

short of buildings. Eventually they were flanked by regular buildings, as here, and later burned in the city's fires. Sketch is by Francis Marryat.

Gateway to Bonanzas: San Francisco

When the gold rush began, San Francisco was a sleepy hamlet of 800 souls. In the first half of 1849, 10,000 people swarmed into the city and by the end of the year 30,000 more. Over 400 ships, deserted by their gold-crazed crews, bobbed at anchor in the bay or were tugged ashore to make do as stores and hotels. The scenes on these pages, except for the post office at bottom center, were done by a young English Argonaut named Francis Marryat.

The newcomers lived wherever they could, in tents, ramshackle shanties, jammed 20 to a

room in the few frame buildings. Rents were staggering. One building brought its owners \$120,000 rent a year and a gambling casino gladly paid \$40,000 a year to rent a tent. A man building a canvas house gratefully paid their weight in gold dust for a few thumbtacks.

The streets were alternately mud and dust. "This street impassable, not even Jackassable," said a sign at Clay and Kearny. Gamblers, harlots and speculators rolled in and San Francisco had, said one resident, "accomplished in a day the growth of half a century."

BUSY HARBOR (*above*), San Francisco Bay in 1851 was jammed with ships, some deserted. View is east past Yerba Buena island toward Oakland.



NEW YORK HISTORICAL SOCIETY

MIRED STREETS were a genuine hazard during San Francisco's early days. Cats, teams of horses and occasional drunks drowned in the deep and

quicksand-like mud. Lumber was then scarce and costly and people threw boxes, barrels, flour sacks and even stoves into the mud for steppingstones.



COURTESY ROBERT HONEYMAN COLLECTION

BUSIEST BUILDING (*below*) was the post office where homesick Argonauts laid siege when a mail boat came in. Men paid \$25 for places in line.



STOKES COLLECTION NEW YORK PUBLIC LIBRARY



NEW YORK HISTORICAL SOCIETY

POLYGLOT PUB reveals the mixture of races prominent in the city's gold rush days. From left: Spanish-Mexican rancheros in long cloaks, three

bearded Americans fresh from the mines, pig-tailed Chinese and a top-hatted gambler. At right, a happy customer gives himself a 90-proof shower.



VIGILANTE JUSTICE brings death to "English Jim" Stuart on July 11, 1851. A self-confessed habitual criminal, Stuart had been banished to

Australia from England. He reached San Francisco in 1850 and joined the Sydney Ducks, committed vicious robberies and at least one murder. The

First Vigilante Committee seized, tried and convicted him. Four hundred vigilantes, 10 abreast, marched Stuart to the end of the Market Street



wharf and there, with cannons booming and flags flying, hanged him from a derrick. An eye-witness, most likely John Prendergast, recorded the scene.

COURTESY ROGER LAPHAM



THE HEART OF SAN FRANCISCO BURNS IN JUNE, 1850, THIRD OF SIX MAJOR FIRES

A Lawless Town Tamed by Vigilante Justice

San Francisco's government was at first overwhelmed, then corrupted by the massive influx. Among the new arrivals was a contingent of hoodlums called the Sydney Ducks, newly released from a penal colony in New South Wales. An already lawless city then suffered a well-organized crime wave.

Roving in bands, the Ducks terrorized other small settlements of foreigners, robbing and killing. They set some of the six fires that gutted the city in an 18-month period and robbed the victims as they fled burning homes with their valuables. Protected by corrupt lawyers and venal courts, the Ducks went untouched.

At last in 1851 some 180 leading citizens organized as the First Vigilante Committee. Taking the law in their own hands, the vigilantes arrested 91 hoodlums, and, as conspicuously

as possible (*opposite*), hanged four men. Hundreds of others promptly fled town.

The first vigilantes disbanded in 1853 as San Francisco's moral tone improved, briefly. But again by 1856, as one old resident noted, San Francisco's "fame for murder and robbery and violence spread over the world. . . . Robbers were policemen, murderers were judges." When James King, a crusading editor, was murdered by a politician named Jim Casey, the vigilantes formed again. King's murder was the hundredth in six months. Marching 3,000 strong, the vigilantes took Casey from jail, tried and hanged him. In three months the vigilantes' work was done. They disbanded but remained on call. "Toll the bell, sir," said a citizen years later, "and you'll see." It needed no tollings. San Francisco had come of age.



FORT GUNNYBAGS, the headquarters of the Second Vigilante Committee in 1856, was fortified against an attack that never came. The building

was arsenal, court and jail. In front is committee's symbol, an all-seeing eye. The bell atop roof could bring out nearly 5,000 vigilantes in 15 minutes.

BOTH: SOCIETY OF CALIFORNIA PIONEERS



THE COMPLETE MINER, painted by Albertus Browere, heads off to the diggings with everything he needs: a revolver and a rifle, a pick and shovel, a pan and a bedroll. After 1849 the output of gold increased each year, reaching

a peak in 1853. The heyday of the individual miner, or the small partnerships before the big companies moved in, lasted until about 1855. It is these bonanza years that Alf Doten describes in the journal printed on the following pages.

My Adventures in the California Diggings

by *Alfred Doten*

This remarkable record of life in the mines was written by Alfred M. Doten, a young forty-niner from Plymouth, Mass., whose vast and intimate personal diary was brought to light only last year and is here published for the first time. Doten began his diary on March 18, 1849—the day he sailed from home as a member of an organized mining company—and kept it up until the night before he died, Nov. 11, 1903. Historians who have examined his manuscript diary have hailed it as one of the greatest finds in years—and probably the most complete narrative ever set down by a western adventurer endowed with real writing ability.

The diary entries below and on the following pages begin when Doten (aged 21) was already a seasoned California gold hunter. LIFE's excerpts end after Doten was seriously injured in a mining accident. When he was fully recovered Doten moved on to Nevada where he became a prominent newspaperman and a friend of Mark Twain. In Nevada he married, sired a family, and prospered in mining stocks. After his death his diary lay for more than 50 years in a leather trunk in family homes until it was acquired by Warren Howell, of the well-known rare book firm of John Howell, San Francisco, who gave permission for this publication.

WEDNESDAY, JANUARY 1ST, 1851 Clear—finished working a new arroya in the north gulsh—New years day today. One year ago I was at Wood's diggings. I was then a member of the famous Pilgrim Mining Company, but now I am a member of nobody's company except my own, and I like myself first rate and think *I am some punkins*. . . . One year ago this evening I was at the store below our camp at Woods, and I fiddled and we all had a fine jollification. This evening was spent in the same manner, at Patridge's store down below on the gulsh. I fiddled there also, and we had a tip top fine time and no mistake—dancing, singing, music &c—but this was the night that all of us got more or less tight and I got so obscure that I staid there till morning.

JAN. 4TH Prospected my hole all day, trying to strike the lead—It paid me an average 2 bits a pan. Just before dinner I picked up a small "slug" which weighed 7½ dollars.

JAN. 8TH Forenoon I worked at throwing off [dirt], and as the gulsh was running after dinner I set my cradle and in the afternoon I dug and washed 30 buckets of dirt and got 7 dollars.

JAN. 24TH Everbeck and myself . . . run through 40 buckets and only got about 75 cts. But in the afternoon we set our cradle at a new place further up the arroya and were lucky enough to get 20 dollars from only 60 buckets.

FEB. 16TH I bought a horse for 4½ ounces [an ounce of gold was worth \$16].

FEB. 25TH Mr. Fisher started for home this morning having got sick of the country. He looked like the devil—all rags, dirt, &c.

MARCH 15TH Everbeck went up the north gulsh today & found that the Chinese have been washing dirt there, some of it belonging to me and a large quantity that he and his partners threw up.

MARCH 16TH This forenoon we mustered a strong gang & went up the gulsh to investigate the dirtwashing affair. Found the ends of paper cigaritas . . . and other indications which induced us to believe that the theft was committed by Mexicans. But as the Chinese have been seen to steal dirt several times and as we are certain they broke into our cabins, we thought it best to start them off—so we gave them two days to leave.

APRIL 5TH Evening we had a *tall spree* at Chinn's store which lasted till about 2 or 3 o'clock.

APRIL 6TH Morning I felt a slight touch of the *headache* and some *thirst*, but in a short time I was *all right* again.

JUNE 10TH Moody and myself prospected all day and found a great place to work over in the North Gulsh. There are some ten or fifteen people at work there now and some of them are doing very well—Blakely made 80 dolls. and one piece of it weighed 41 dollars—Old Mr. French made about 90 dollars today—and others from 40 to 50 dollars apiece, but these rich spots are very scarce.

JUNE 15TH Gold has been lately found in the quartz veins in great quantities throughout California and there is much excitement prevail-

ing. A company of 18 has been formed here on the bar, of which I am a member, for the purpose of working quartz—We have taken 18 claims of 30 feet each and we *hope* of course to *strike it*. **JULY 10TH** [Doten is now in San Francisco visiting his married sister.] After supper we took a turn about town. There does not seem to be quite so much gambling going on as formerly, but thieves, pickpockets & assassins abound. In some saloons we saw some pretty girls, with *short frocks* and *Turkish trousers* which became them very much, I thought.

Vigilante justice

JULY 11TH Afternoon I went to see Dr. Cogswell and had three of my double teeth filled—10 dollars apiece. A Mr. Stewart was hung for murder by the people, down at the end of the long wharf. He was arrested yesterday.

JULY 22ND Afternoon I took leave of all hands and took passage on the C. M. Weber for Stockton.

JULY 23RD Evening I found Chinn, and we took a turn about town [Stockton]. Went to some of the *houses*, saw *some of the senoritas*. . . .

JULY 27TH I went up to our quartz vein today to see how they get along. They have sunk two holes, one 40 feet deep and the other about 5 feet deep. They have not struck the quartz ledge there



THE AUTHOR poses in Virginia City, Nev. fireman's uniform in 1867. The son of a Yankee sea captain, Doten sailed on Grand Banks fishing schooners before joining the Gold Rush.

Mark Twain in Territorial Enterprise.

CONVICTS.

Some one (I do not know who,) left me a card photograph, yesterday, which I do not know just what to do with. It has the names of Dan De Quille, W. M. Gillespie, Alf. Doten, Robert Lowery and Charles A. Parker on it, and appears to be a pictured group of notorious convicts, or something of that kind. I only judge by the countenances, for I am not acquainted with these people, and do not usually associate with such characters. This is the worst lot of human faces I have ever seen. That of the murderer Doten, (murderer, isn't he?) is sufficient to chill the strongest heart. The cool self-possession of the burglar Parker marks the man capable of performing deeds of daring criminality at dead of night, unmoved by surrounding perils. The face of the Thug, De Quille, with its expression of pitiless malignity, is a study. Those of the light-fingered gentry, Lowery and Gillespie, show that ineffable repose and self-complacency so deftly assumed by such characters after having nipped an overcoat or a pair of brass candlesticks and are aware that officers have suspected and are watching them. I am very glad to have this picture to keep in my room, as a hermit keeps a skull, to remind me what I may some day become myself. I have permitted the Chief of Police to take a copy of it, for obvious reasons.

From San Francisco
Jan 1, 1865



MARK TWAIN'S JOKE about his friend Doten was published (left) in the Virginia City (Nev.) Territorial Enterprise. The clipping was pasted on

back of old photograph above which shows Doten and other Nevada newspapermen, from left: Gillespie, Parker, Dan DeQuille, Lowery, Doten.

THE WEST CONTINUED

yet but there is a very good prospect. In one of the claims next to us there were 6,000 dollars taken out on Friday last.

SEPT. 5TH I sold my old claim to Biakely today for 1 dollar—a little tight—[see photo p. 92].

DEC. 3RD Forenoon I did some tinkering for Perry, hanging a door, putting on latch fastenings &c—Afternoon I put up a stove funnel and did a few other small jobs about my house.

DEC. 7TH As usual in about all other diggings this day [Sunday] was spent by some in drinking and gambling—by others in reading the Bible and singing psalms, or washing their dirty clothes. . . . Evening we had a grand sing at D. P. Heller's house, singing sacred music.

SUNDAY, DEC. 21ST In the evening while I was just commencing a letter I was aroused on a sudden by the cry of "to arms!" "to arms!" "get your rifles!!!" I took my gun and joined a party of some 15 or 20 of my comrades well armed who were proceeding up over the hill to the head of the gulsh to the Mexican camp—The reason of this outcry and excitement was this—Mr. Jacob E. Chinn and Alexander McDonald came over from the ranch on horses and went up to the Mexican camp where Charles Everbeck, James Flinn, Mr. Dixon, George Christman, James Plymale (old Uncle Jimmy) and Alex McDonald asked them all up to [a Mexican tent] to drink. As they stepped up to the bar some Mexicans were standing there talking. Alex asked one of them "are you going to drink?" He answered "no sabe." Alex then said "well if you are not going to drink we are, so just stand back." But as he did not move, Alex took him by the shoulder and pushed him one side, not roughly at all but merely made him stand aside. Whereupon this Mexican and another who stood by his side started out of the tent . . . and in a moment they returned armed with swords and pistols and one of them attacked Chinn and the other one Alex.

Alex tried to fend off the sword with his hands, as he was entirely unarmed. and got an awful gash on his left arm near the wrist. He said to Chinn "Shoot him Jake" as Chinn has a revolver but Chinn was hot pressed by the other who backed him right through the side of the tent before he could get his pistol out. He then followed him up striking at him till Chinn fired at him and wounded him on the hip and he fell. . . . At the same moment another pistol was fired and Alex fell just outside of the tent door saying "Oh God!!! I'm shot!! I'm shot!!!"

All this occupied a very short space of time when the lights were put out and all was darkness. It seems that Old Uncle Jimmy was just outside of the door, and just as Alex fell the Mexican came at him and purely because he was a white man he commenced cutting at him. Uncle

Jimmy held up his hands to fend off and he got three of his fingers cut off from his left hand. He then received a cut on the left side of his head which felled him senseless.

We were not long in getting up there where we found the whole camp deserted by the Mexicans except for two women and a few men. Dr. Brown had got there and was examining Alex's wounds. He was found to be shot in the middle of the back near the spine. Some of us went out and brought in Uncle Jimmy. Myself, Dr. Brown and a few others staid all night, armed, on guard over the wounded ones.

MONDAY, DEC. 22 Just after daylight I went down to my camp & took a cup of coffee, after which I went immediately back again, where I found none but Dr. Quinby, and nothing was said about starting in pursuit of the Mexican rascals. I had great difficulty in raising a small crowd to go with me over to the Mexican camp on the north gulsh to search for them, but after arguing the case, daring two men to go with me, I managed to get some half a dozen to go. . . . We searched all the camps till we came to one where we found a Mexican lying rolled up in his blankets. We looked at him very suspiciously, but he said he had a *bad fever*. . . . While we were searching the camps a man came out of a tent and fired a pistol up the gulsh which we rightly judged was a signal to one of two camps a little further up. We immediately went up there and came to the tent of three Mexican acquaintances of ours, two of them brothers by the name of Lopez. They sat on the bed playing cards but as they assured us the rascals were not there we did not search their camp but returned to Guadalupe's tent. We had been there but a short time when a boy told us of an old Mexican who knew where the rascals were hid. We went to him and by threatening him with instant death we forced him to go with us, after tying his hands, and leading him by a string. This time we mustered a pretty strong crowd. . . .

A double necktie party

HE told us that one of them was hid under the Lopez' bed. We went there and found them sitting on the bed playing cards with the blanket hanging over the edge, just as they were before, and on looking under the bed we found the villain there stowed away as snug as a bug. We ordered him out and identified him as the one that Alex shoved away from the bar and the worst of the rascals. We escorted him down to the old rich gulsh and after seeing him safely stowed away in Perry's store and securely guarded, we started back for the other one who was wounded on the hip. At Perry's we heard that Alex had just died. . . .

We went back to the North gulsh and found our good friend the Mexican who pretended to have a bad fever, and soon found that

CONTINUED

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DOTEN'S WRITINGS in western papers—a few of which are shown above—describe murders, stagecoach holdups and the 1868 hanging of John Mil-lan—hated murderer of Prostitute Julie Bulette—which he and Mark Twain

attended together. While Doten was owner of the Gold Hill (Nev.) News he kept a loaded six-shooter in an open desk drawer to discourage dissatisfied readers. "Can you shoot?" was first question he asked a job-seeking reporter

THE WEST CONTINUED

his principal ailment was an impediment in his powers of locomotion occasioned by a ball in his hip. He knew that it was a gone case with him. He limped very bad, but we treated him to a ride on a jackass, and soon had a pair of murderers, sitting under guard in Perry's store. . . .

We immediately chose a jury of twelve men (I was one of the jury) and after examining some half dozen witnesses who all swore point blank to the identity of the prisoners, and gave the most incontestible evidence the jury cried out "enough—this is evidence enough—" We agreed that according to the evidence the prisoners were guilty of wilful murder and should be hung immediately. Some of the people wished to have them put up as a mark to shoot at, others wanted to burn them, but the jury had decided that they should be hung. We formed a guard of 20 men, well armed, and taking Bill Fenton's riatta from his horse and making a hangman's knot at each end of it we put it about their necks and led them forth to execution. . . . The one who was shot hobbled badly and two of the guard had to carry him.

The evening was dark and stormy, a fierce wind roaring around the pines. A candle was put in an old tin cracker case served us for a lantern. We took them just across the gulsh opposite to the town, and throwing the bite of the riatta over the limb of an old pine tree, we ran them both up together, but one of them being very heavy, his end of the rope broke and he dropped down. His hands were tied but his feet were not and as soon as he touched the ground more than a dozen sprang upon him. He got on his knees and cried "Pardon! Santiago." But he was in another moment swinging by the rope again. . . . We left them to swing in the wind till morning and we all dispersed.

TUESDAY DEC. 23RD This morning quite early a large party of Mexicans came from the upper part of the gulsh and requested that they might be permitted to bury the bodies of the murderers, which was granted. They did not spend

time in digging a very deep pit but merely a place deep enough to cover them over, put them into it clothes and all, and spread an old handkerchief on the face of each.

FEB. 19TH, 1852 This morning Charles Everbeck, my old partner, got himself into a small bit of a muss. David Keller went over on the North gulsh and there he found Everbeck stealing and washing some of his dirt. Dave just rolled up his fist and hit Mr. Everbeck a chug in his lar-board eye which sent him about 10 feet across the arroya, he then exercised his boot about his ribs and back, and let him off at that.

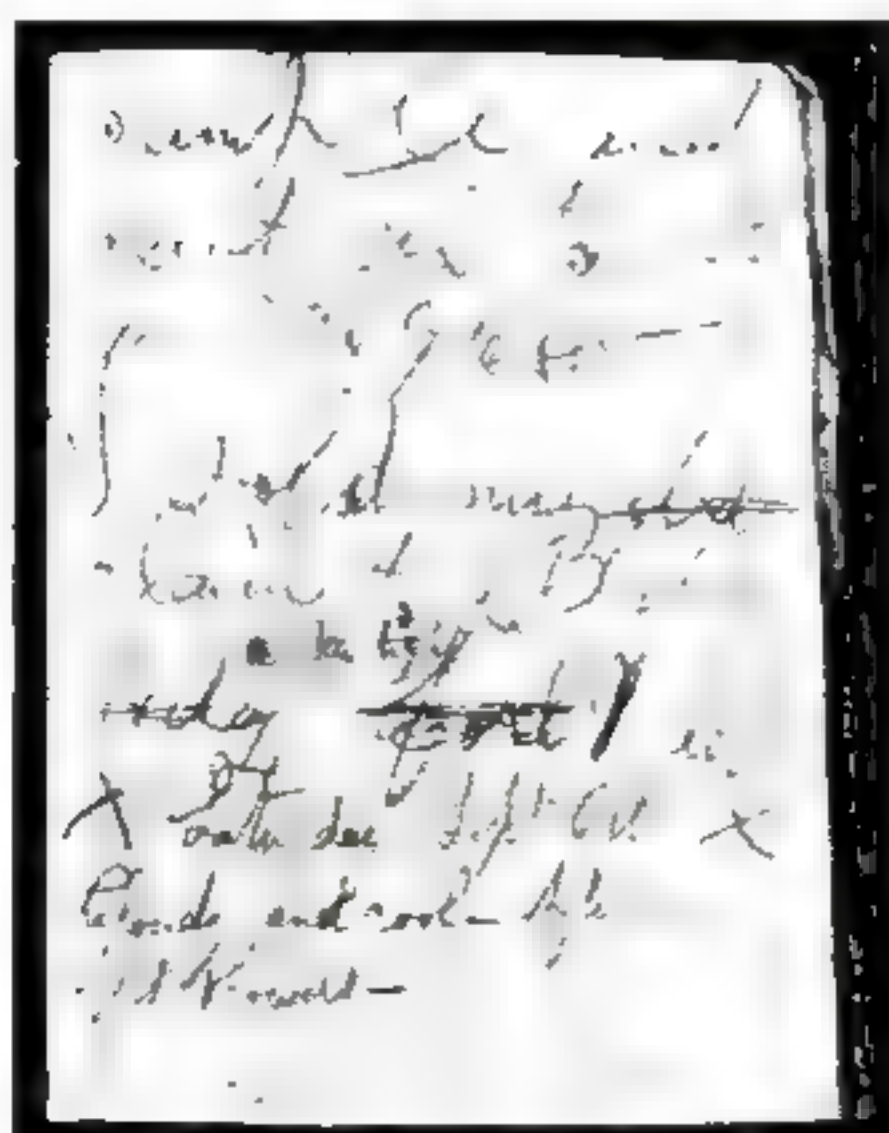
MARCH 15TH Jimmy Flynn and myself commenced working today in one of the branch gulshes and from 100 buckets got 11 dollars of very fine gold—good.

MARCH 21ST Yesterday a Mexican found at the head of this . . . gulsh a piece of gold weighing 17 ounces and 7 dollars—God damn him.

MARCH 28TH Perry hired me to keep store for him as he is going below [to San Francisco] and will be away some four or five days.

SUNDAY, MAY 2ND Forenoon I saddled up and went over to Chinn's [ranch] where I took dinner, read the news &c. After dinner I started for home. At the ford I met Charley and Rogers out on a *paseat* [excursion] so I turned about and went with them. We went up to Taylor's, stopped awhile, back to Chinn's, stopped awhile—raced it a little—tied a tin kettle to a dog's tail, and started for home, all of us some what *obscure* or a little *wild*. Rogers being rather a poor rider rolled off [his horse] twice but as he did not get hurt it was all right.

MAY 29TH This forenoon a Mr. Thompson who was partner with George Edwards on the gulsh came down here and brought us the horrible news that George had just shot himself. Perry and one or two others immediately went up there. They made him a coffin out of two long toms. George was about 30 years of age. He has sailed out of New Bedford, Mass., and lived some time in that city. . . . He seduced a young lady there and probably the thoughts of the wrong he thus committed was one of the causes of his committing suicide.



PAGE OF DIARY reveals effects of one of Doten's numerous sprees, with explanation, "a little tight," after entry about having sold his claim.



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LOOK FOR HOMES WHICH DISPLAY THE MEDALLION in your area—more than 100,000 new homes in the nation will feature it this year. Or, your present home may be brought up to Medallion standards if you plan to modernize. Ask your electric utility for complete details.

This message is brought to you on behalf of the 230 electric utilities sponsoring Medallion Homes.

903-22

*WHAT THE
MEDALLION
MEANS TO YOU



This symbol—a 3-inch metal casting—is awarded by your electric utility to identify any home—regardless of size, type or price—which meets proper electrical standards covering appliances, lighting, heating and wiring. See your electric utility for details.

1. WORK-SAVING ELECTRIC APPLIANCES—which generally can be added to your mortgage—are first element of better living in Medallion Homes.



2. LIGHT FOR LIVING enhances beauty of home, makes work and play more comfortable. Safe, clean electric heating offers ultimate in modern all-electric living.



3. FULL HOUSEPOWER provides sufficient capacity, circuits, wiring, outlets and switches for your present and future electrical needs throughout your home.



MAY 30TH There is a Chileno hermaphrodite camped near Brooks' store.

JULY 21ST Today is my birthday and I am now 23 years old. Morning I fired two guns in honor of myself, at noon 2 guns more and at sunset I fired 2 guns in honor of Mr. Alfred Doten Esq and the public generally and Uncle Sam.

AUG. 14TH Afternoon Perry loaded up and went to his upper store. Trade quite brisk today and I am a little tight by God—[this diary entry ends with an incoherent smudge].

AUG. 15TH Had a small bit of a scrap in the evening with Bob Paine, he being drunk and as he darned and insulted me somewhat I made him see stars and put him out of doors. I was weighed today and weighed exactly 170 pounds, yes, one hundred and seventy, quite a hunk of a boy.

OCT. 23RD About sunset a special messenger arrived from the Halfway House from Morris, telling me to come down there immediately. I immediately got my horse and started off. Had quite a moon to light my way, got there about 8 o'clock.

Took supper, Morris then had a private confab with me. He wanted me to write a letter for him to his wife as he cannot write very well. But the most he had to say was that a young lady [Martha Jane Toler, daughter of the innkeeper at Halfway House] had fallen in love with me and desired to see me. He introduced me and in a room with two of her sisters we did up some of the *tallest kind of courting*. She was bashful in the extreme and I felt as awkward as she did. I took the fiddle and fiddled up quite a conversation, in fact I broke the ice which was about 2 feet thick with an old fiddle. Staid all night.

OCT. 24TH, SUNDAY Forenoon I wrote a letter for Morris to his wife asking her to come out here &c. The rest of the day I was maneuvering about the enemy, trying to bring my guns to bear. About 4 PM I got her in a corner by herself. Declared my passion—loved in return—all right on both sides—wait till next spring—happy hearts—fluttering gizzards—honey and so on. Left for home again at sunset filled with love and joy and thought I was being wafted through the air astraddle of a cobweb towards regions of bliss. Dreamed of heaven all night.

A frustrated romance

SATURDAY, OCT 30TH Forenoon I took a bath in the river. Afternoon about 4 o'clock I rigged up my best bib and tucker and saddled up my horse and started for the Halfway House feeling very happy in the thoughts of who I was to meet there. I rode up to the door in fine style, dismounted, and saw old man Toler. Said hi de do Mr. Toler. He said nothing, but merely nodded. Just as I was about unsaddling, the old cuss stopped me and said, "Look here, I don't want you to unsaddle your horse here, I want you to leave here, and that damned quick." . . . I said "Very well"—saw Morris, but no chance to speak to him. Caught a glimpse of the adorable one. Cast a glance of withering scorn upon old Toler, sprang into the saddle and was off in a most furious hurry. Rode as far as the bridge, turned and rode back to about a mile above Toler's, where I tied up for the night. Went supperless to bed and laid awake all night cursing Toler and revolving plans for running away with his daughter. Oh Martha, you will raise the devil with me yet.

OCT. 31ST, SUNDAY Morning I turned out, feeling supremely miserable. Took three cocktails but they only made me feel more dummy. . . . After breakfast I saddled up my horse and rode up and down the road for two hours, til I felt a little better. Rode down to MacDonalds' ranch, stopped there about an hour or so, and then went up to my camp, feeling like a fool. At night I rolled in my bed and dreamed all night that I was a jackass chasing a firefly through a briar swamp. . . .

DEC. 5TH, SUNDAY Afternoon I went over to the Golden Gate for grub &c. Heard that the news had just arrived from the Atlantic states

that Pierce was elected president of these United States. Hurrah!!

DEC. 8TH Clear cool & pleasant. I made 18 dollars today. Evening I had a visit from Young, Spicer, and Brotherton. They brought me a quarter of a deer and staid all evening. Young brought his flute and clarinet. Mr. Locke came in with his accordion and together with my violin we had a fine band and a big concert. After which we had a dance.

DEC. 9TH Forenoon I made 5 dollars and in the afternoon I made 25 dollars, the best afternoon's wages I have made yet in California. I only washed 40 buckets. Found one piece of 12 dollars, and several other pieces of 1, 2 & 3 dollars each.

DEC. 23RD Stormy. Forenoon we had a heavy snow storm and I think I never saw it snow so heavily. The snow seemed to come down in sheets instead of flakes.

DEC. 25TH Wet and stormy. I took my fiddle and went with the rest of the boys down to their camp to keep the Christmas. They went out hunting and brought in two hares and several quails so that we had a

splendid supper of game. Evening we had another jollification and a real roarer of a spree with the assistance of two or three bottles. We kept her up till nearly morning.

DEC. 26TH No teams or stages have been through [on account of the snow] for several days. Flour is 1 dollar and a quarter a pound . . . but very little or none to buy at any price. . . . A great many miners have been obliged to come in from the gulches out back to some place where there is something to eat.

DEC. 31ST Today I was busy getting in lumber, sheet iron &c to make a long tom [a trough for washing gold from dirt]. Evening we had a big time killing all the old bottles lying about the camp. We put a good charge of blasting powder into each and after putting a piece of safety fuse into them and corking them tight we touched

them off at intervals and they made as loud as a cannon. We also had a bottle of whiskey and a tune on the fiddle, and a hoe-down, and thus we welcomed the New Year in and shoved the old one out. Hurrah for 1853!!!

APRIL 7TH Young and myself practiced on a piece of music which we bought in San F.—"Massa's in the cold ground"—

MAY 21ST "Maria" [who lived near Kelso's store] has fallen in love with me & wants me for her lover—as she is a yellow gal it would hardly do for me to marry her legally. She is worth 15 dollars—She is a real good looking girl of fine shape & no doubt a fine bedfellow.

JUNE 20TH Evening we had an eclipse . . . The moon looked like a big flapjack with a piece bit out of the edge of it.

JUNE 25TH Yesterday Kelso and George, a man that was working for him, were rafting lumber and just above here the raft George was on struck a rock & was dashed to pieces. The current was very swift and as cold as snow could make it, so that George was immediately swept downstream and has not been seen since . . . George was about 25 and a good steady man. Evening Kelso opened his house. Everything in the liquor line was free. I played the violin, we also had two Italian musicians together with Mrs. Kelso's tambourine. The ladies of the town were in & we had several waltzes and polkas. Kept it up till daylight.

JULY 2ND Heard the great news today that *Miss Martha Toler is to be married* on the evening of the 4th—Hurrah!!!—Hurrah—Hurrah!!!

JULY 4TH Today we did all we could to celebrate our national birthday by firing guns—drinking brandy—music and making a fuss generally. . . . Oh my heart is breaking for love of—that Toler [Martha Jane was married this day].

OCT. 11TH Morning, Young and myself walked up to the [Mokelumne] Hill to collect some money. Three whores passed me on horseback. One of them got thrown. I caught her horse. One of the others changed horses with her saying, "By Jesus Christ, I'll ride that horse over the hill or die." I helped her to mount and she rode off in gallant style.

NOV. 15TH Evening John Spicer brought us the news of Harry Miller



DENTIST'S OFFICE, sketched by Doten, was opened in 1849 near Curtis' Creek diggings by an enterprising Rhode Islander who posted handwritten ads at nearby camps. His "neat little cabin" was roofed with deerskins.

U. S. GOVERNMENT REPORT SHOWS WHY...

Green Stamp Savers Can Come Out Dollars Ahead

"It's no surprise to me!"

says **MRS. WARREN A. COUCH JR.**, *St. Louis housewife.*

"I shop at Bettendorf-Rapp Super Markets and the other fine stores in St. Louis that give S&H Green Stamps—so we're always dollars ahead. A lot of the nice things in this room came from S&H. And at S&H Redemption Stores I'm sure to get what I want—when I want it."



Mrs. Couch is shown in the living room of the attractive home she and Dr. Couch, an Instructor in Mathematics at Washington University, purchased a few years ago. With her are Mark Alan, age 7, and Michael Louis, 4, two of the three Couch children.

YOU CAN BE DOLLARS AHEAD, TOO. A recent report by the U.S. Department of Agriculture tells why. After studies of prices in 21 American cities, the report concludes that on the average, stamp stores—thanks to the added value of stamp merchandise—give consumers greater total value than non-stamp stores.

So be dollars ahead *yourself*. Shop at the fine stores and service stations that give you S&H Green Stamps.



SINCE 1896...AMERICA'S ONLY NATIONWIDE STAMP PLAN

Mowing fun starts with a **SPRINGFIELD** riding mower!

When a riding mower enters your life, make sure it's a Springfield. For here, in a superbly engineered unit, are all the features that will add to your mowing pleasure and convenience.

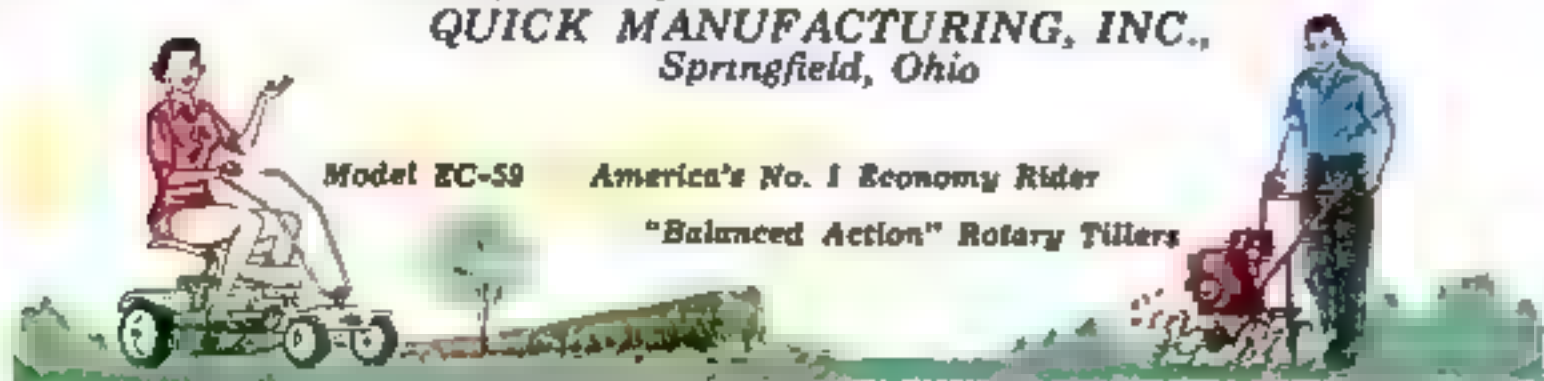
Picture yourself in that big comfortable seat. You've got 4½ horses ahead... three forward speeds and a reverse... a big drum type brake... a pushbutton cutting height adjustment... and all controls within easy reach. Yes, and that big 24" blade is separately clutched for safety, too.

Typical plus value is the automotive type full gear transmission and differential. Such built-in quality makes the Springfield riding mower a real top buy—and we prove it with a full year warranty. Now's the time to see your dealer.



Springfield
POWERED LAWN AND
GARDEN EQUIPMENT

Quality-built by
QUICK MANUFACTURING, INC.,
Springfield, Ohio



Model EC-59 America's No. 1 Economy Rider
"Balanced Action" Rotary Tillers

THE WEST CONTINUED

being accidentally shot by a Colts revolver. His partner Dave was loading it, the ball passed through a thick leather belt, the waistband of his pants and two thick shirts, losing much of its force before entering the abdomen... Harry is rather better now and hopes are entertained of his recovery. Bill went over to Green's and got a gallon of brandy and this evening we had a grand jollification. Rathbone played the fife and with a few old tin cracker boxes we managed to get up a military band. We marched up & down the road and went through all the manoeuvres. Kept it up till about 2 o'clock. DEC. 27TH Morning we all started out on a grand hunt but only shot two quails... Came across a camp of Indians. We had a bottle of Brandy along & treated them. Tried to honey up to some of squaws, but couldn't come it.

MARCH 19TH, 1854 A Mr. Black came here today—stranger—dead broke. Staid all night.

MARCH 24TH Mr. Black left. He came here under rather suspicious circumstances, from the north near Hangtown. Had been in the country two years—had worked at mining considerable—not a cent in his pockets, no blankets—not even a spare shirt. Moody told him to come in and stay a few days till he could look about. They worked together & slept together. We noticed that he has been scratching and digging himself considerably ever since he has been here.

This morning Moody proceeded to examine his blankets and found plenty of lice. He immediately pitched his bedding out of doors and shifted all his clothes. He then gave Mr. Black his walking ticket. Moody then went to work & washed all his blankets &c—Had a pretty job of it—a good lesson to him. Mr. Black was from Ohio... MAY 4TH I am reading Monte Christo by Alexandre Dumas.

JUNE 1ST Cloudy & cool. Threw up dirt. Tom Locke, Bill Rhoda (Grizzly Bill) and "Red Jack" Woods are on a big spree now. They got most beastly drunk and fought and beat each other finely.

SEPT. 12TH This morning I sold my claim & sluices to Granger, the water collector, for the sum of 35 dollars. Harry Miller also sold out for 100 dollars.

SEPT. 18TH Today I made up a little prospecting party consisting of myself, George Locke and a little Dutchman named Louis. We intend to prospect up above Volcano, about 30 miles from here.

SEPT. 19TH At daybreak we started off. Passed through "Greaser" and other small places & stopped at Clinton, a very pretty little town, to feed the horse & took dinner... On the trail we passed several emigrant houses, and saw two or three very pretty girls. One especially took my eye as I stopped to buy a glass of water. She had a pair of most loving eyes, angelic hair, but a terribly big foot.

SEPT. 21ST Today we prospected all day near Fort Grizzly [north of Volcano in present-day El Dorado County]. There are only two men living here in these diggings, both Missourians. We took up a claim and commenced sinking a hole in a flat.

OCT. 7TH Bought a cabin and a lot of sluices for 31 dollars. Took dinner at Volcano and made arrangements for our winter's grub at a store there. I deposited with the storekeeper 220.00.

NOV. 10TH Today we were busy all three repairing and fixing up our ditch and digging it deeper in places... This ditch when completed will be 200 rods in length with a fall of an inch to the rod... Two of my hens commenced laying today.

DEC. 7TH Louis and I set up a string of seven sluices up the creek and then went hunting.

DEC. 31ST Afternoon & evening we had heavy showers at intervals. Rain raised the water in our ditch and at dark we had half a sluice head or more running into our gulsh. Happy day for all miners—



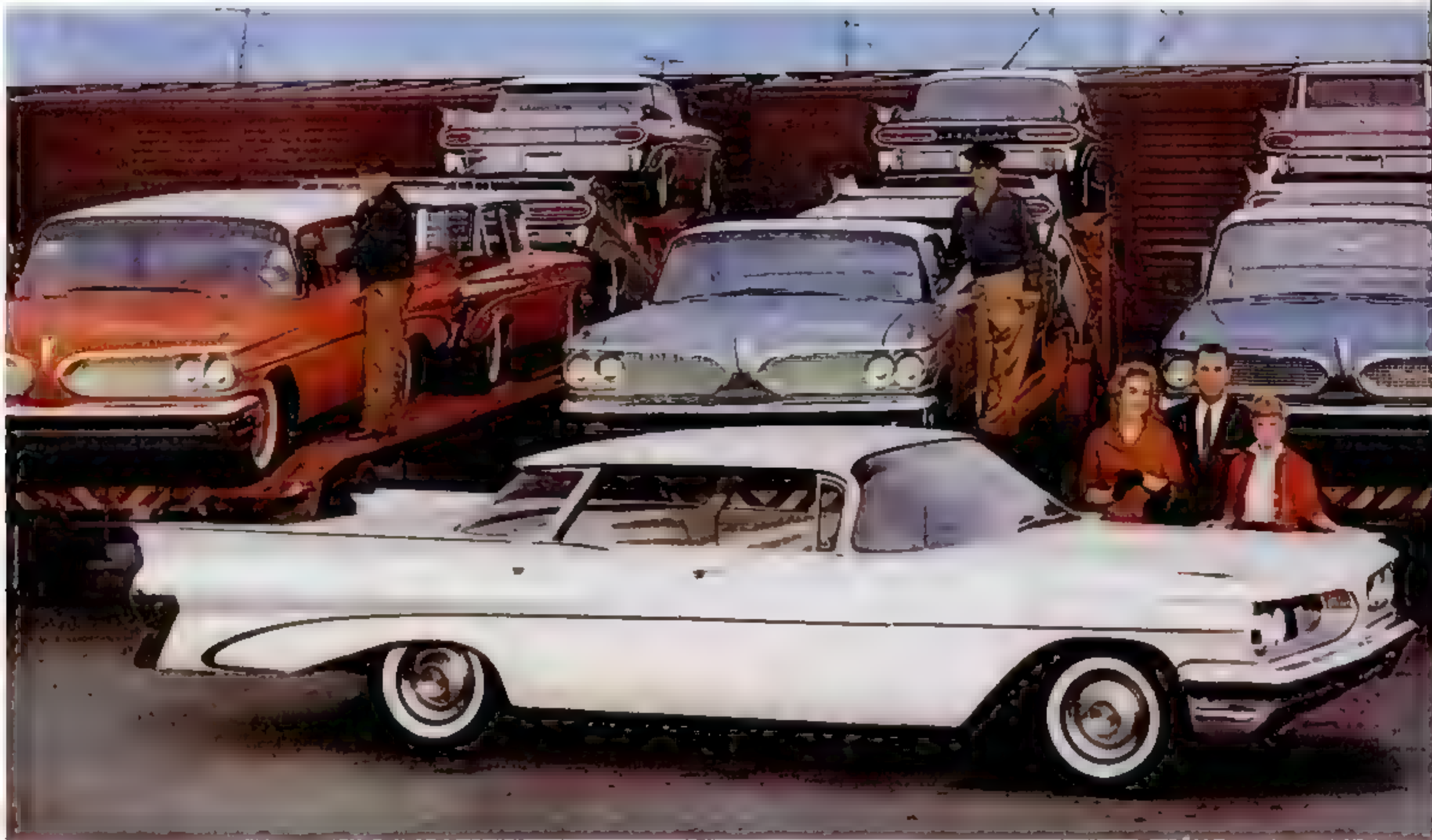
DENTIST H. D. Cogswell, owner of the cabin shown on previous page, was drawn by Doten dressed for a deer hunt. He panned his gold for fillings.



"So good in glass"

Glass jars protect the purity of baby foods because glass itself is so pure. And they re-seal so easily, store so well.

GLASS CONTAINER MANUFACTURERS INSTITUTE, 99 PARK AVENUE, NEW YORK



WIN A FREE 1959 PONTIAC

32 New Pontiacs!
800 Vanguard Midget Automobiles!
8,000 scale model Pontiac Kits!
8,832 prizes
in General Mills
\$250,000 BIG 8 SWEEPSTAKES





No jingles to write! No boxtops to mail!

Win one of 32 spanking new Pontiacs—or one of 8800 other prizes—in General Mills Cereals' BIG 8 SWEEPSTAKES. Every one of your favorite ready-to-eat cereals—Wheaties, Cheerios, Trix, Kix, Jets, Hi-Pro, Cocoa Puffs and Betty Crocker Pick-A-Pack—has its own BIG 8 SWEEPSTAKES. Together, prizes total a quarter of a million dollars!

For BIG 8 SWEEPSTAKES rules, see specially marked "Sweepstakes" packages of all 8 cereals shown here, or write General Mills, Inc., Dept. 2, Minneapolis 2, Minn.

32 big Drawings—276 prizes in each.

32 1st Prizes—Glamorous, new 1959 Pontiacs... in 4 fabulous styles.

800 2nd Prizes—Gasoline-powered Vanguard Special Midget Automobiles... perfect for playing in your own

yard...room for two youngsters, speeds up to 21 mph., fiberglass body, hand throttle and rear wheel brakes.

8000 3rd Prizes—Miniature Pontiac Customizing Car Kits... easy to assemble, easy to customize just the way you want. A perfect '59 Pontiac replica.

8 Drawings will be held on each of these dates:

*June 1 *June 22 *July 13 *August 10

Plus a special late-comers drawing for \$1000 cash for all entries received, in all 8 sweepstakes, between August 10, 1959, and October 12, 1959.

After each drawing, all non-winning entries are saved and added to the entries for the next drawing. So enter early, enter often! **Subject to federal, state and local regulations.*

PONTIAC! AMERICA'S NUMBER ① ROAD CAR!

The *only* car with Wide-Track Wheels for the most beautiful roadability you've ever known! Each prize Pontiac will be equipped with Hydra-Matic, radio and heater, whitewall tires, chrome wheel discs—and many other wonderful Pontiac accessories.



Look for the box with this howl on the front. "Better Breakfasts Begin With General Mills".

EACH CEREAL HAS ITS OWN SWEEPSTAKES... ENTER ALL EIGHT!



KRAFT CANDIES

good, like all Kraft foods



HAROLD
GRAY

Folks have loved 'em for years. Kraft Caramels are the good old-fashioned kind—chewy, buttery-smooth, rich in true caramel flavor. Made as only Kraft's good cooks know how. Hungry for real caramels?

Have some Kraft Caramels!

Kraft makes wonderful Fudgies and Marshmallows, too.



THE WEST CONTINUED

JAN. 15TH, 1855 Evening we bought out our neighbors, Frakes & Co. . . their sluices, claims and interest generally in these diggings. Drank some whiskey on the subject and had music &c.

JAN. 31ST Sluiced all day. Evening we washed and had 44.00.

FEB. 3RD Sluiced. After dinner we washed and had 56.50—first rate.

FEB. 24TH At noon washed down and had 6.00 . . . Reading Dickens' "Hard Times"—very appropriate.

MARCH 7TH We sluiced till nearly noon, when having worked out our place, we washed down and only had 7.00—This don't pay—We took out all of our sluices. We have now finished this gulsh, and it hasn't paid us anywhere near wages . . . We have taken out of this gulsh in all, three hundred dollars (\$300.00).

APRIL 29TH Jake Chinn weighed me & I only weighed 153 pounds—I have lost about 10 pounds since I have been up at Fort Grizzly.

MAY 4TH Went down to "Russell's diggings" to see about getting a team to move me from [Fort Grizzly] to Fort John.

JUNE 18TH At noon we washed out [at the Fort John diggings] and had only a dollar—poor. Afternoon we floated our sluices ahead a piece, built a dam and set the boxes. Vance and Curtis have just finished their new store and their goods arrived today so this evening was appointed for the "opening." Went down just after supper, found the boys all there. We struck up the music—full band, and set them all dancing directly. The liquor flowed in abundance—crackers, cheese, sardines &c were on hand for the hungry. I played as long as there were any one in condition to dance, and then after a few songs, and a little banjo doin's, I took a lantern and mustered my forces for camp duty. Found one lying across a candle box with a pile of smoked salmon for a pillow, two were arguing and discussing the merits of Mormonism and spirit rappings across a keg of Scotch whiskey, and my brave George [Doten's new partner] was luxuriating on the hillside back of the store with his heels up hill.

JUNE 19TH We slept very late today. George's head was very muddy & his eyes looked like two bad made button holes . . . Two more of our setting hens brought out their chickens today so now we have 38 chickens out of 40 eggs set—very good luck indeed—

JULY 15TH I worked today at making an American ensign—to be seven feet long by four feet six inches wide—George prospected.

JULY 20TH George prospected—I finished the flag—Evening we quarreled like thunder—

JULY 23RD I was elected to go to Jackson next Friday to the convention. [This was a county convention of the Native American Party.]

JULY 26TH About 1 o'clock at night we took passage in the stage for Jackson—Bad road, very dusty—no chance for sleeping, knocked and bounced about like hell.

Visit to a 'splendid jail'

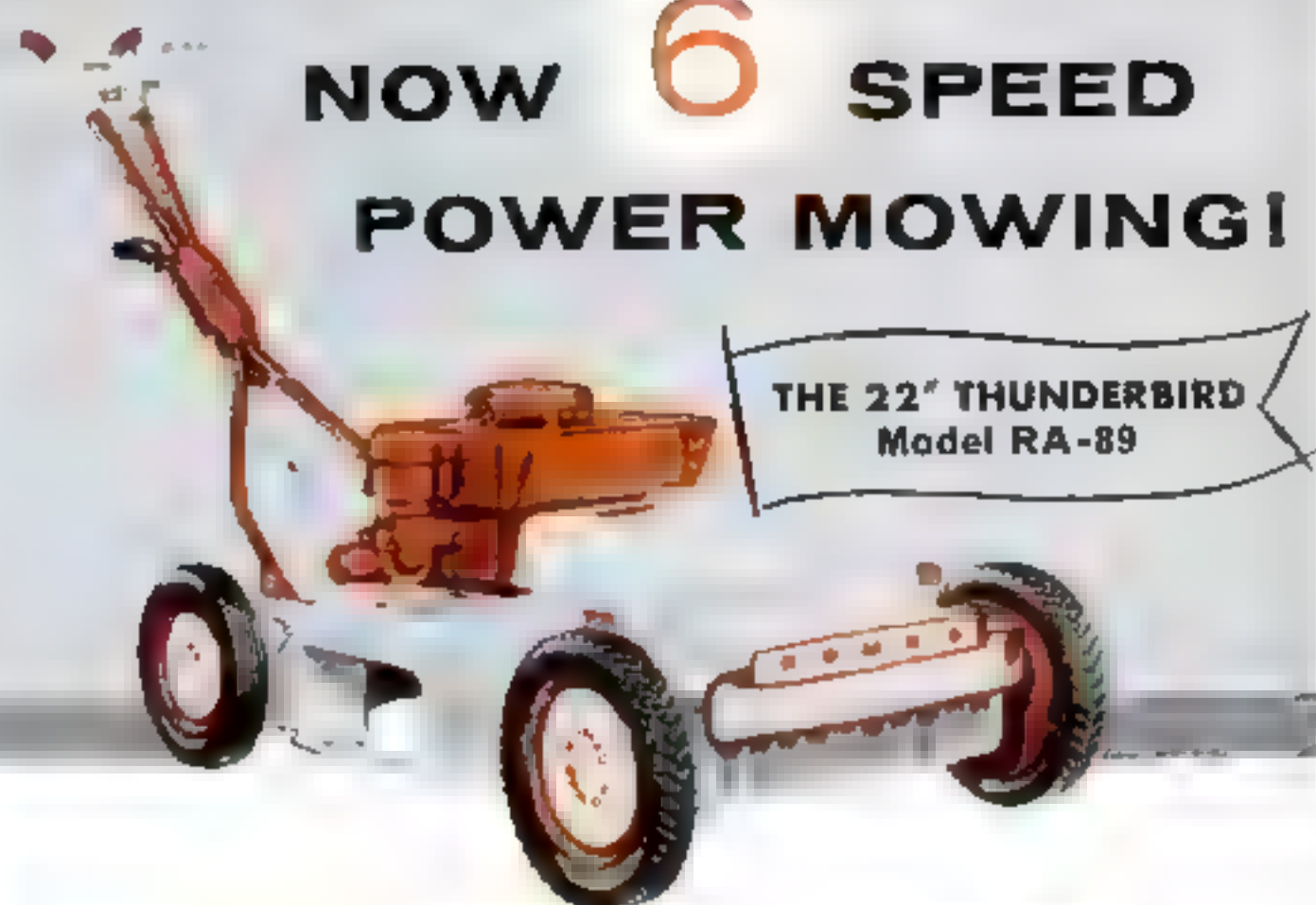
JULY 27TH At daylight we arrived safely at Jackson—put up at the "Union Hotel." . . . Jackson is a very pretty little town, built mostly of wood, although it contains some 10 or a dozen brick stores—fire proof. Has a permanent population of about 4,000, and a large floating population of course—We went up to see the jail. It contains some thirty prisoners at present, fourteen of whom are Celestial females, the victims of a late descent upon some of the *Jinta* houses hereabouts under the new law—In one of the cells was a man under sentence of death for grand larceny (stealing some 2 or 3,000 dollars) but a reprieve arrived for him from the governor this morning. The walls are of solid masonry three feet thick, the partitions are all of oak plank 5 inches thick and all the doors and grates are of heavy iron bars.—It is a splendid jail and not easily got out of.

AUG. 7TH At noon seven men mounted on horses and armed to the teeth passed down this way—They stopped at Vance's store to get something to eat and then hurried off in the direction of Fiddletown—These are a portion of some 40 men who are out in search of some twenty scoundrels, who last night at Lower Rancheria murdered six men and a woman and stole some twenty thousand dollars.

AUG. 10TH Morning George, myself and seven others went down to Lower Rancheria to see the scene of the late tragedy and have a correct account of the same. Very small place, mostly deserted at the time of the row—no water there to work with. About a dozen houses including the *tauern* and store where the bloody deeds were committed. There were some 20 of the ruffians in all—There were all Mexicans except two Americans—They waited near the town until about

CONTINUED

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Model RA-89

America's First Disc-Drive Rotary

Crawl at a snail's pace or go like a greyhound . . . HOMKO brings you push-free power mowing with a new super wide range of speeds to suit any job. Now you can drive right through weeds—mow easy up hills—get as close to trees as you want! Quick wheel adjustments give cutting heights from $\frac{1}{8}$ " to $3\frac{1}{2}$ ". Flexor Blade eliminates crankshaft damage. New stand-up safety starting. All steel. Ask your HOMKO Dealer for a demonstration today!

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Coming
from Champion . . .
something just as
revolutionary in
Outboard Motors!
WAIT FOR IT . . .



A cigar brings out the Lion-Tamer in you

Let's face it, men—there is nothing timid about a cigar. It's 100% male... in flavor, satisfaction, and in its psychological lift. Yet you needn't inhale to enjoy cigars... and no other pleasure so great costs so little. Try a few cigars today and...

Get that good cigar feeling!

CIGAR INSTITUTE OF AMERICA, INC.



WEDDING OF DOTEN and Schoolteacher Mary Stoddard, certified by document above, took place on a yacht on Lake Tahoe. A year later Doten wrote in his diary, "I am a Daddy!" and underscored the words three times.

THE WEST CONTINUED

10 in the evening, when they rushed in attacking the tavern and the store both at the same time, with pistol and knife they shot down and butchered all whom they met; killing six and wounding three. Mr. Francis the proprietor of the store was shot down just as he deposited his money and locked up the safe for the night—his leg was broken by a blow from an axe but in the dark he managed to escape by crawling out the back door and up on the hill side—in pursuing him the assassins happened to stumble upon an Indian who was lying out there drunk, and butchered him at once with their knives, thinking he was Francis—searched him but could not find the key to the safe—tried to cut a hole in the top of the safe, but only made it through the outer casing—tried to cut off hinges—couldn't—charged the keyhole with powder—blew it up, and took 8,000 dollars from the safe. . . . At daylight mounted rangers started out from all the neighboring towns in pursuit—They took three of them but a short distance from the scene, and Judge Lynch hung them all to the limb of a big oak tree.

Some exciteable individuals today took a nigger who happened to be suspected of being connected with the murderers and hung him to the same oak tree. But that was put a stop to by myself and others rushing up and rescuing the nigger in time to save his life—he had been up two minutes but we restored him in about an hour.

SEPT. 5TH Election day today. The polls were opened at Gilbert's store. All hands were up and voted. I voted on the right side.

FRIDAY, SEPT. 7TH Clear, warm and pleasant. Unlucky day for me. Afternoon I was down on the big claim prospecting. Second pan of dirt, the bank caved in—caught me. Frakes boys saved me—hurt badly—carried up to Vance's on a board—great excitement. This was an hour before sunset. Sent for Dr. Ayers at Volcano—midnight he came. Hurts mostly in the small of the back—spine nearly broken—cupped me there. Was with me till morning. I was in agony—my lower parts paralyzed. Curtis & Dounis also watched with me to-night. No sleep of course—out of my head at intervals.

SEPT. 8TH The boys built me a litter, put me and mattress on it and carried me up to the Frakes cabin—cooler there and better place.

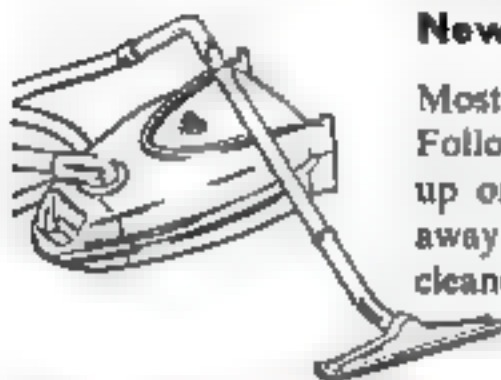
SEPT. 9TH Mending slowly. Morning, water not having passed yet, my bladder became distended and very painful indeed—almost

CONTINUED

For versatility, economy, efficiency,

CHOOSE from the world's finest cleaners at your **SINGER SEWING CENTERS**

For everything you want in a vacuum cleaner, see the variety of fine cleaners at your SINGER SEWING CENTER. And ask for the "one-minute, one-foot test" in your home.



For versatility . . .
New SINGER "GOLDEN GLIDE"*

Most beautiful, practically styled cleaner yet. Follows without tugging or tipping, stands up on stairs, stores flat in closet. Throw-away bag holds 3 times as much as most cleaners. Long-wearing hose.



For economy . . .
SINGER Full-Power "Roll-A-Magic"

Best canister cleaner at its price. Rolls easily on 4 casters. Swivel head swings all the way around to make cleaning a breeze. Comes complete with attachments. Only \$49.50.



For handiness . . .
SINGER "Magic Mite"

Only 3½ pounds and greatest of its type. Perfect for cleaning stairs, furniture, autos and quick touch-up jobs. Only \$29.95.



For efficiency . . .
SINGER* "Magic Carpet" Cleaner

Easy to use. Full size floating brush. Automatic cord rewind. Durable lightweight aluminum casting. Built-in light and mid-way carrying handle. Hangs flat in closet.

For your present cleaner . . .
SINGER Revolving Brush Attachment

Turns your tank or canister into a revolving-brush cleaner. No electrical connection; just attach to hose. Only \$19.95.



Try the "Full-Power" Canister at \$49⁵⁰



SINGER SEWING CENTERS

Headquarters for the finest sewing machines and vacuum cleaners.
Listed in your phone book under SINGER SEWING MACHINE COMPANY.

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Super Chief

Daily between Chicago and Los Angeles



For reservations, call any
Santa Fe Traffic Office
or Travel Agent.



IN OLD AGE, and still musical, Doten sits on Reno porch in 1890 with daughter Bessie Tahoe and Alfred Jr. He had another daughter and a son Samuel who became a professor of entomology at University of Nevada.

THE WEST CONTINUED

crazy—11 o'clock Dr came—catheter—drew me off—relief—all the boys in to see the operation.

SEPT. 15TH Still mending slowly. Ben Bowen washed me all over today and shaved me—staked me out for a pair of whiskers.

SEPT. 27TH Afternoon I sat up for a little while on the edge of the bed, and by hanging to a rope, I got up on my feet for the first time since I was hurt.

SEPT. 29TH Sold my house to John Scaggs today for \$20.00 cash.

OCT. 4TH My back is now strong enough to bear the weight of the upper part of my body, but it is very painful as yet—I pass my time mostly reading, playing the banjo and sleeping. Am reading Byron at present.

OCT. 5TH Morning, the Doctor paid me a visit—"Getting along well," he said. I played and sang "The Old Kentucky Home" and he sang the bass to it.

OCT. 14TH Afternoon I put on boots and pants for the first time and with the aid of crutches I walked out.

NOV. 4TH George Locke was at Volcano and brought me over a letter. It was from home—from Mother. Made me sort of melancholy.

DEC. 7TH Morning I was up to Dent's to get my clothes &c. Went back to Scaggs' [Doten's former cabin] packed all my traps. After dinner John Scaggs gave me a scrubbing down with warm water, and I cleaned up and rigged out in my best for the ball at Gilbert's store tonight. A regular snow storm set in—bad night for a ball, but it came off nevertheless. The managers sent out covered wagons to bring in the ladies. I had a big chair elevated up on the counter for my orchestra. Cotillion followed cotillion in quick succession until midnight when we all hands pitched into Addison's supper fixins. . . . After supper all took a fresh start—cotillions, contra danse, waltzes, polkas, hornpipes and jigs till daylight, when they danced two more cotillions and quit. This ball passed off without one disagreeable incident to mar the pleasures of the occasion and was the best party without exception that I have attended since I left home.

NEXT WEEK

Cowboy and Indian Days
The Bloody Sioux Uprising
Custer's Last Stand
True Story of Billy the Kid

People try it...

If you, too, like a fine beer . . . a
just-right light and lively beer . . .
join the ever-increasing number of
people who ask for America's fastest
growing beer, Black Label, with
this friendly, cheerful call . . .

"Mabel, Black Label"

and they like it!

CARLING

Black Label

BEER





PUREX Spring

\$50,000.00

4661 CASH PRIZES

Grand Prize \$5,000.00

10 SECOND PRIZES . . . \$1,000.00

50 THIRD PRIZES . . . \$100.00

100 FOURTH PRIZES . . . \$50.00

500 FIFTH PRIZES . . . \$10.00

4,000 SIXTH PRIZES . . . \$5.00

EVERYTHING'S FREE AND EASY in the Spring Housecleaners' Free-For-All. There are thousands of cash awards—and it's the simplest drawing ever to enter. You just give us your name and address—nothing else to do, nothing you have to buy. Anyone can win, because there are four easy ways to enter.

Use the money-saving coupon, too. It's worth 10¢ on the purchase of any Purex product shown here—all so helpful at Spring Housecleaning time. And if you want to, you can enter the Free-For-All drawing at the same time.

OFFICIAL FREE-FOR-ALL RULES

1. Enter in any one of the easy ways that are explained below.
2. If you "cash in" the coupon (at right), print your name and address on it and your grocer will send it to Free-For-All headquarters for you.
3. If you do not want to cash the coupon, you may print your name and address on it and mail it in. You may also send in your name and address on a piece of plain paper or postcard, or on the official entry blanks available in stores. Mail to:
PUREX FREE-FOR-ALL
P.O. Box 331 • South Gate, California
4. You may enter as often as you wish. Separate envelopes or postcards required for each entry.
5. All entries must be postmarked by midnight September 1, 1959, and the contest is deemed entered when properly addressed entry is deposited in any United States post office or post box. Winners will be chosen in a blindfold drawing under the direction of California Bank, Los Angeles. All winners will be notified by mail within 30 days following the end of the contest.
6. The Purex Spring Housecleaners' Free-For-All event is good only in continental U.S.A. (except in New Jersey, Nebraska and all other areas where contests of this nature are prohibited), and it is subject to federal, state and local laws and regulations. Void wherever prohibited, restricted or taxed by federal, state or local regulations.
7. Employees of Purex Corporation, Ltd., its subsidiaries and advertising agencies and their immediate families are not eligible.

Housecleaners' Free-For-All

No Boxtops! No Jingles! No Puzzles!

JUST REGISTER YOUR NAME IN THE HUGE DRAWING FOR CASH AWARDS!

Choose Any of These **4 EASY WAYS TO ENTER!**

1 Cash this coupon at your grocer's!

Use the coupon like 10¢ cash—on any Purex product shown. If you want to enter the Free-For-All, just write in your name and address. Your grocer will send it direct to Free-For-All headquarters, on your behalf.

3 or...get entry blanks at your grocer's!

Look for "Purex Spring Housecleaners" displays at your store. Pads of entry blanks are there. Take one—fill in your name—and mail to Free-For-All headquarters.

2 or...mail in the coupon!

Fill in the coupon below and mail it to the address shown. (This way, however, you lose the "cash value" of the 10¢ coupon.)

4 or...just mail us a letter or postcard!

Write your name and address on a piece of plain paper or postcard and mail to Purex Free-For-All, P.O. Box 111, South Gate, California.

**SAVE
10¢**

ON ANY OF THESE
PUREX
SPRING
HOUSECLEANERS'
HELPERS!



New plastic ends...
no more rust rings!

In luscious pink
or creamy white!

For easier washing,
easier cleaning!

Chlorine bleach
in safe, dry form!

New Easy-Grip
Handle!

*Note the low
price!

Instant beads of
magic bluing!

**CLIP THIS
MONEY SAVING
COUPON NOW!**

Write in your name and address...
and enter the Free-For-All, too!

*Trend prices shown are fair traded in states east of Rocky Mountains having fair trade laws with non-signer provisions—suggested selling prices in all other states.



WORTH 10¢
ON PURCHASE OF ANY PUREX PRODUCT LISTED BELOW



Purex Bleach
SweetHeart
Soap
Little Bo-Peep
Ammonia
Fleecy White
Bleach
(where available)

(TO ENTER FREE-FOR-ALL, PRINT NAME AND ADDRESS BELOW)

PUREX FREE-FOR-ALL
P.O. Box 111, South Gate, California

Name _____

Street _____

City _____ Zone _____ State _____


Beads-o'-Bleach
Trend Liquid
Detergent
Dutch Cleanser
Trend Dry
Detergent
Blu-White



MR. GROCER You are authorized to redeem this coupon for us. We will reimburse you 10¢ plus 2¢ handling, provided you and the customer have complied with the terms of the offer described, and you will, upon request, furnish proof of purchase of sufficient quantity of Purex products. Coupons must be sent to Purex Corporation, Ltd., 9300 Rayo Ave., South Gate, California by September 1, 1959. Customer must pay any sales tax on product purchased. This offer void wherever restricted, prohibited or where license is required. Cash value 1/20 of 1¢.

Coupon Good Only Until September 1, 1959

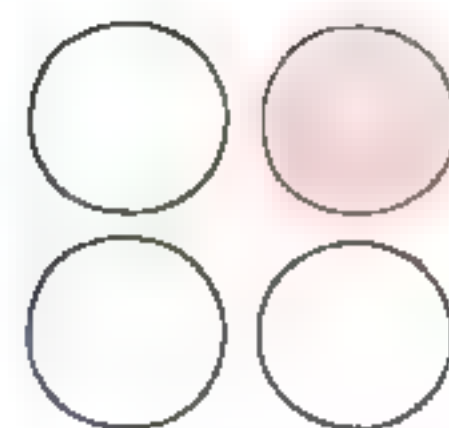




*What is softness? Children know
Softness is where blossoms grow*

Softness is Northern

*Northern Tissue is
made with fluff
Nothing else
is soft enough*



In fresh, clean colors - too

Another fine product of American Can Company



NEWLY ARRIVED IN SAN FRANCISCO AFTER 32-HOUR TRIP FROM AUSTRALIA, TWO KOALAS, HELD BY SIR EDWARD HALLSTROM, ARE PETTED BY U.S. ADMIRERS

Big Koala Coup for the U.S.

Australians are so fond of their unique, solemn-faced koalas and so worried about their fast dwindling numbers that they forbid anyone to harm them or to send any out of the country. Consequently there have been no koalas anywhere in the world outside Australia—four that had been permitted out for the San Diego zoo seven years ago have since died. But last week San Francisco turned out in force to welcome six of the cuddly beasts to the city.

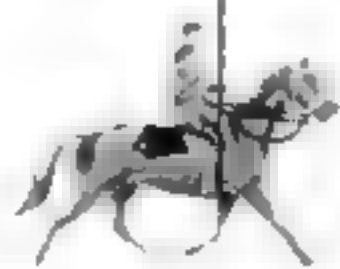
This koala coup had been accomplished only after months of delicate negotiations with Australian government officials while the press fussed and fumed. The four females (two of them pregnant) and two males were conveyed to the U.S. by Sir Edward Hallstrom (*above*) who had supplied the animals from his own collection and presented them as gifts. Three are to remain in San Francisco while the other three will shortly go to the San Diego zoo.

Get this **BIG**
Vacation Pleasure
Package **Free!**



Plan the vacation of your life in Canada's Atlantic Provinces with this big, free Travel Kit. Hundreds of colour photographs. Fascinating places to see. Exciting things to do. Valuable travel tips. Large, easy-to-read maps. Send for yours today. See the wealth of vacation fun in store for your family in Canada's Atlantic Provinces: Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland.

CANADA'S
**Atlantic
Provinces**



FAMILY VACATION LAND

E-08-1

MAIL TODAY!

CANADIAN GOVERNMENT TRAVEL BUREAU,
OTTAWA, CANADA

Please send me—immediately—your free
ATLANTIC PROVINCES TRAVEL KIT

NAME (please print)

ADDRESS

CITY/TOWN

STATE

Stick this coupon to any postcard, or mail it in an envelope.

KOALA COUP CONTINUED



IN NEW HOME at Fleishhacker zoo, koala climbs a tree branch while Sir Edward watches. He spent the first day with animals in zoo to be sure they were well housed. An animal-loving philanthropist, Sir Edward is president of the Taronga Park Zoo in Sydney, also raises koalas in his own private sanctuary.



OLD SPICE SPRAY DEODORANT

Both in plastic!



OLD SPICE STICK DEODORANT

Men! Two great deodorants for all-day protection!

And *either* gives you safe, sure, *man-sized* coverage!

Old Spice Spray Deodorant is the quickest-drying spray! By actual test, dries *twice* as fast as other leading sprays. Spreads on the skin more rapidly; doesn't trickle down your side. And it's a fine anti-perspirant: non-irritating, non-sticky, non-staining.

1.00 plus tax

Old Spice Stick Deodorant applies and dries faster than any roll-on, any cream, any ordinary stick! Two quick strokes give complete coverage, and you're *safe* all day. In new unbreakable plastic case; no foil to fuss with — just remove the cap, and it's ready.

1.00 plus tax

Also available in Canada

CHOOSE OLD SPICE STICK OR SPRAY...FOR SOCIAL SECURITY!

Old Spice by SHULTON



KOALA COUP CONTINUED

By [illegible]

REACHING FOR A MEAL, a koala tries sampling some of California's eucalyptus leaves. (Glossy about food, koalas eat only the foliage of this tree native both to

Australia and California. They consume 2½ pounds of leaves per day, even in winter. When they are not eating, they usually are curled up in eucalyptus

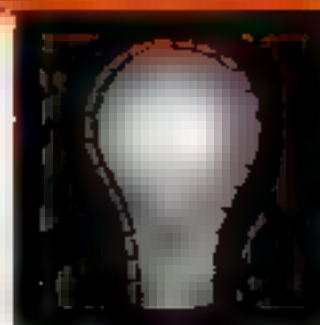
NOW...FROM WESTINGHOUSE—THE GREATEST ADVANCE IN LIGHT BULBS IN 34 YEARS!

New Shape

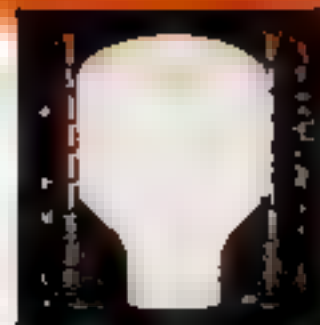
New Light



Westinghouse announces the first major advance in light bulbs since 1925. It's the all-new Westinghouse Eye Saving White bulb—the best bulb for seeing ever developed. It's so completely new it makes ordinary bulbs old-fashioned. You'll notice the difference—in the look and feel of its entirely new shape—in the new glare-free light it gives. This is light for living. Ask for it at your neighborhood store... NOW!



Ordinary bulb has burning hot spot in center that causes glare and harsh shadows.

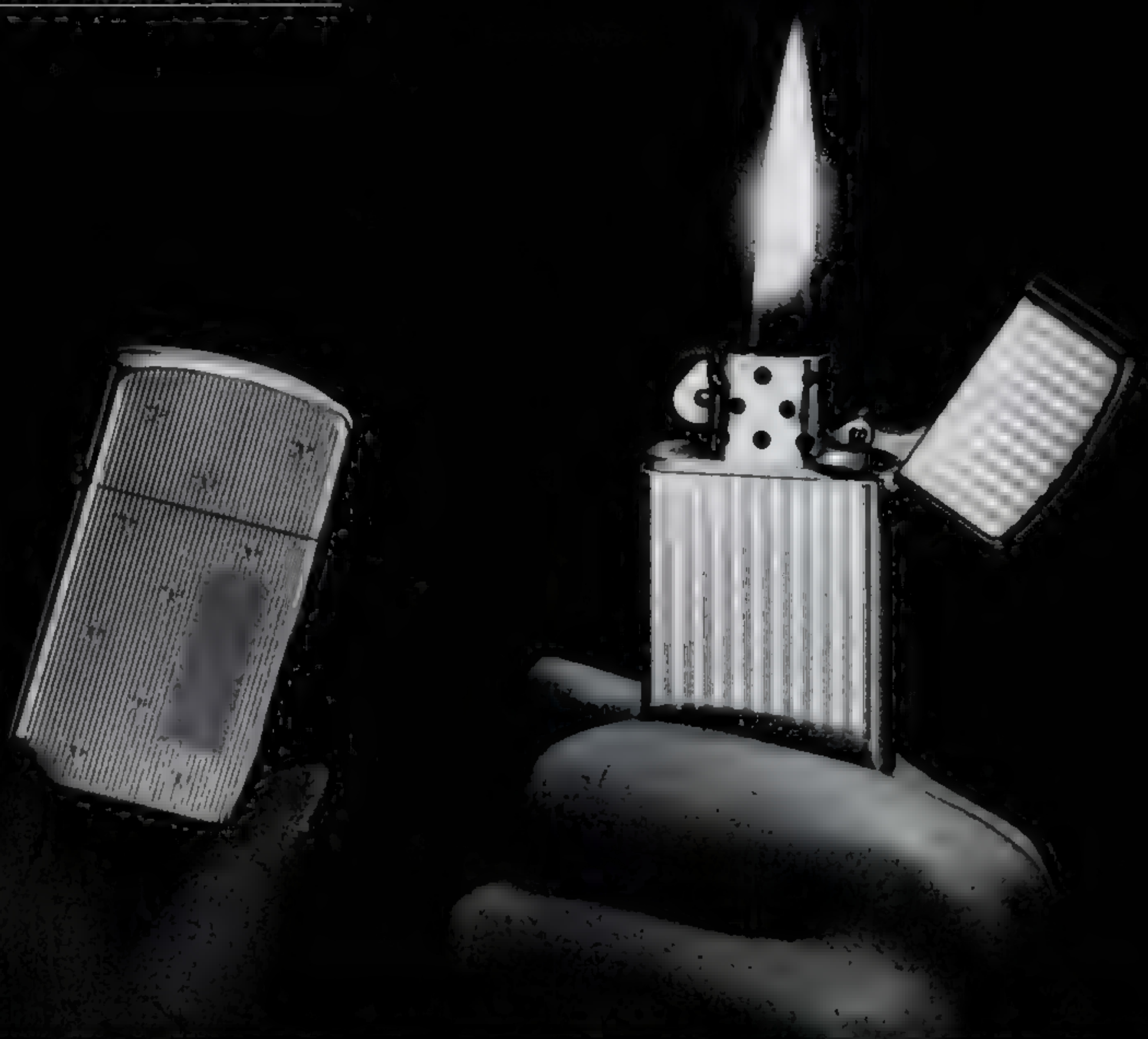


New Eye Saving bulb gives even, all-over brightness that's much easier on your eyes.

YOU CAN BE SURE...IF IT'S
Westinghouse
WESTINGHOUSE LAMP DIVISION BLOOMFIELD, NEW JERSEY

WATCH "WESTINGHOUSE
LUCILLE BALL OFS ARNAZ SHOWS CBS-TV MONDAYS

ZIPPO...THE LIGHTER THAT WORKS



MEN AND WOMEN BOTH ADMIRE THE SLIM GRACEFUL SHAPE OF THIS NEW ZIPPO LIGHTER. AND, LIKE THE CLASSIC ZIPPO, IT'S NO 3 SSSY.

THIS NEW SLIM ZIPPO LIGHTER IS ALL MUSCLE, TOO

—if it ever fails to work, we'll fix it free

The Zippo man is not a man to change things just for the sake of change. He's one of that stubborn breed of craftsmen who still put performance first.

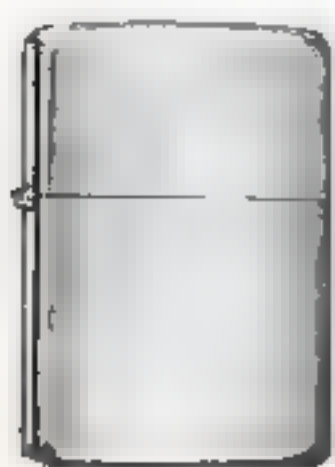
But people around him, whom he respects, convinced him it would be a great idea to make a *slim* running mate for his classic Zippo.

He agreed under these conditions. The new slim Zippo lighter must be made with the same high standard of workmanship that he demands for the classic Zippo. There must be no compromise with *performance*, or out the window the whole idea must go.

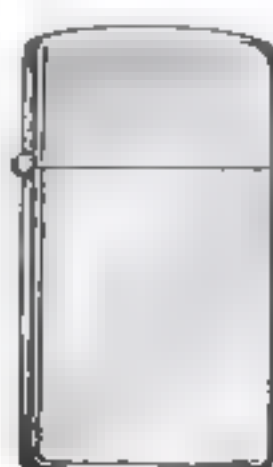
His craftsmen followed his edict to the letter.

They came up with a real sweetheart for people who want a lighter that is slim and lightweight.

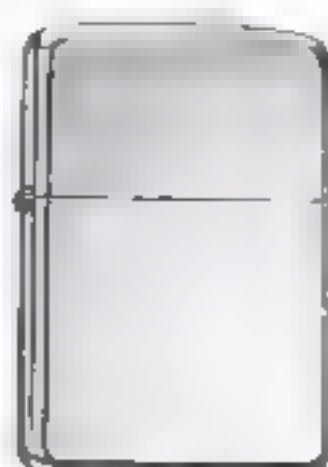
The Zippo man was satisfied. So much so, that when you buy a Slim Zippo lighter he is proud to offer you his same incredible guarantee. No matter how old it is or what its condition, if a Zippo ever fails to work, he'll fix it free.



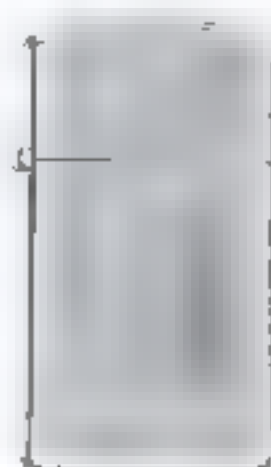
Regular Zippo. Made Zippo famous. Brush finish chrome. \$3.50



New Zippo Slim Lighter. Same dependable action, polished chrome. \$4.75



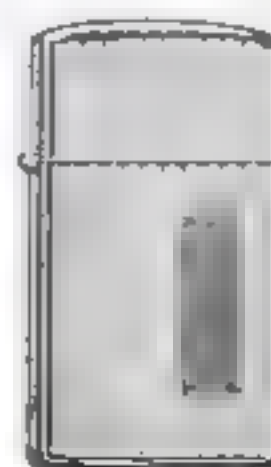
De Luxe Zippo. Highly polished durable chrome finish. \$4.75



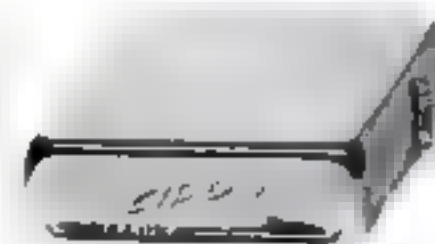
Gold filled Zippo. 10-kt gold lined to case not plated. \$20.00*



Engine turned Zippo. Smart new design in polished chrome. \$5.75



New Zippo Slim Lighter. Ribbed design gleaming chrome finish. \$6.00



If you don't see Zippo on the bottom of the lighter, it's not a genuine Zippo.



LIFEBOAT

D
R
O
P

TEST PROVES...

MOST SEVERE BOAT TEST EVER! Look at the torture this new Fiberglas lifeboat went through to prove the amazing strength, safety and seaworthiness of Fiberglas construction! Example of the tough testing it took: the U. S. Coast Guard actually dropped this lifeboat 10 feet with 7,500 pounds

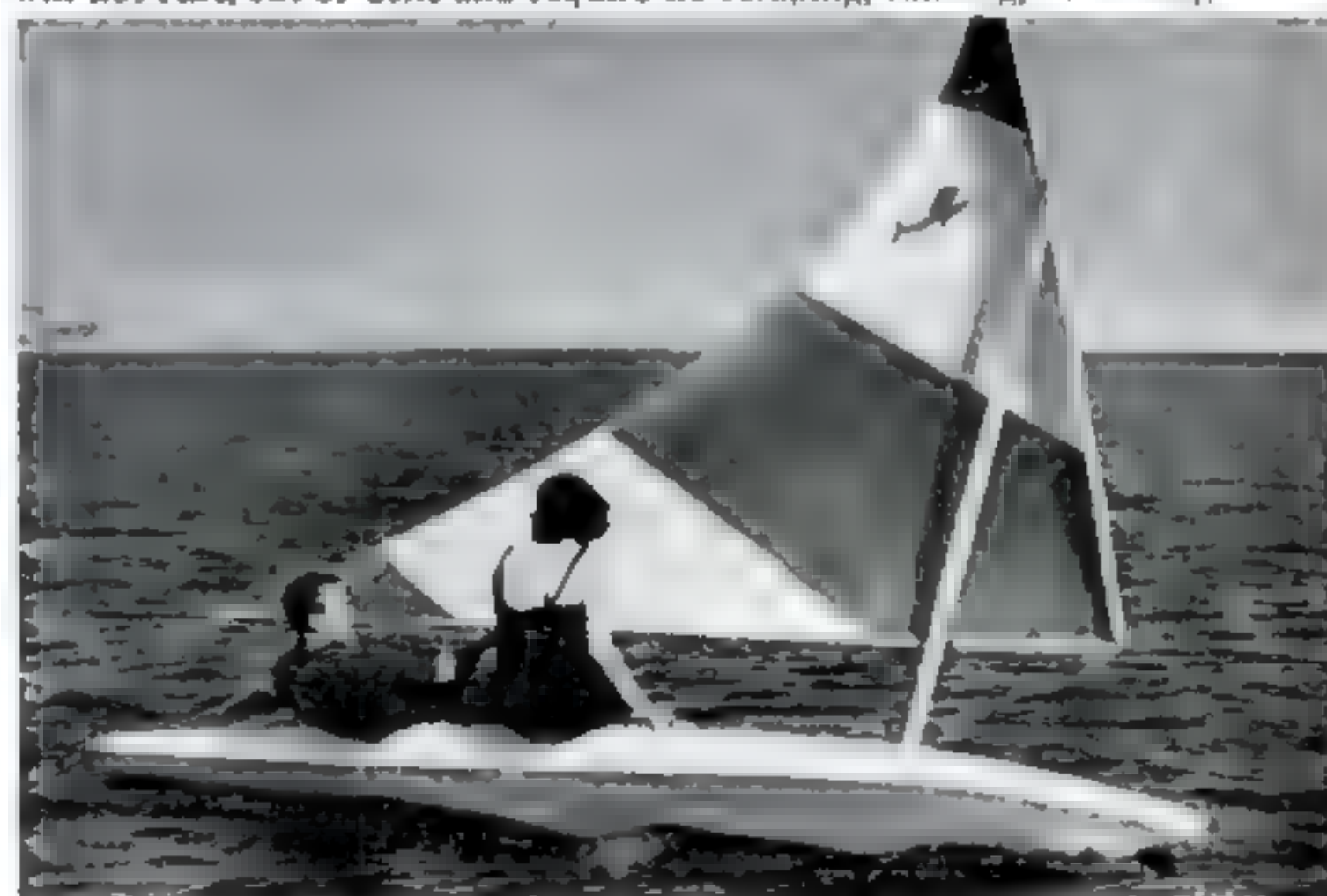
of sandbags aboard! Made for Welin Davit and Boat Division, Continental Copper and Steel Industries, Inc., this Fiberglas reinforced plastic lifeboat has been approved by the Coast Guard for all American flag vessels. The same kind of strength and safety can be yours in pleasure boats.



SMOOTH SAILING is a sure thing with Fiberglas. The design versatility of Fiberglas reinforcements means boats with more strength and greater ruggedness.



CAREFREE CRUISING starts from the hull up—when it's reinforced with Fiberglas. Large dollar savings in maintenance are possible because hulls will not rust, rot or dent and require no scraping, sanding, or calking.



LIGHT BUT STRONG IS THIS SPORTY LITTLE CRAFT. No worries with lightweight Fiberglas construction that makes it easy to lift and load—yet strong enough to transport easily to anywhere there's water.

THE STRENGTH AND SAFETY OF **FIBERGLAS*** REINFORCED BOATS!



*T.M. (Reg. U.S. Pat. Off.) O-C-F. Corp.



Big News in Housing, too—wherever you see this Sign.

PRICED FOR BUDGET buying are rugged, seamless outboards like this. This season more than 100,000 boat buyers will choose Fiberglas models. Incidentally, most outboard housings are Fiberglas reinforced, too.

Want more information? Write: Owens-Corning Fiberglas Corp., Dept. 100-27, 717 Fifth Ave., N. Y. 22



"I like it
REGULAR!"



"I like it
FLAVORED!"



Regular or Mint-Flavored

Everyone likes
PHILLIPS'
Milk of Magnesia

To relieve constipation — Phillips' gives more complete relief than single-purpose laxatives, because Phillips' actually works in two places. It not only relieves constipation but also the acid indigestion which so often accompanies constipation. And Phillips' works leisurely. You can take it with water at bedtime and by morning get wonderful relief—so, you can start the day feeling like a new person.

To settle upset stomach — Phillips' actually settles your stomach in seconds, because it's one of the fastest, most effective stomach acid neutralizers known. Scientific tests show that Phillips' actually neutralizes the excess stomach acids which cause upset stomach, gas, heartburn and other distress—in seconds!

Get Regular Phillips'
or delightfully refreshing new
Mint-Flavored Phillips'—
both at the same price



FLAUNTING THE NAKED MAJAS TO THE SKIES AIRPLANE TOWS A BANNER OVER THE LOS ANGELES CITY CENTER

Goya's Girl Goes Aloft

The movies have set out to make one of Francisco Goya's famous paintings, *The Naked Majas*, even more famous. They dragged a rude replica of it through the skies over Los Angeles (above) and painted a reproduction of it on a 255-foot by 65-foot billboard over Times Square in New York—then draped it

This was done for Ava Gardner's film about Goya and the Duchess of Alba. It was, United Artists naively insisted, a free-enterprise response to newspapers which refused advertisements of the undraped dame. The stunts provided some eye-opener but failed to hide the fact that the movie is a clunker.

IN NEW YORK DISCREET DRAPE ONLY CALLED MORE ATTENTION TO SIGN. LATER DRESS WAS PAINTED ON MAJAS



GENERAL DUAL 90

**IS THE MOST TIRE
YOU CAN BUY,
THE MOST MILEAGE,
THE MOST SAFETY.**



NYGEN CORD AND 2 TREADS

**THE ONLY TIRE THAT
PAYS FOR ROAD SERVICE
IF YOU HAVE A
PUNCTURE!**

25,000 • 35,000 • 50,000 MILES

GENERAL DUAL 90

New! Only Hotpoint Refrigerator-Freezers bring
Swing-Out Shelves

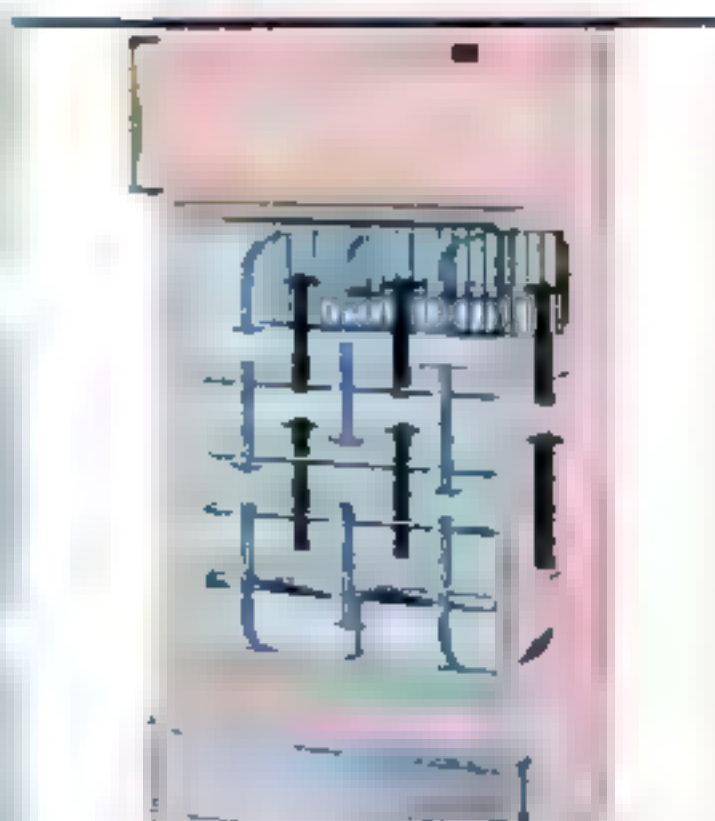


**Shelves that put everything in easy reach!
Easily adjustable...easily removable, too**

Here at last are shelves that have no "hiding places." They swing foods in back out front at a touch of your finger. Completely new design does away with awkward, hard-to-clean center and side posts. Reinforced rod-type aluminum construction supports *full capacity* loads. No trouble at all to adjust these shelves up or down—and you can remove them completely for easy cleaning.

you both these modern advances...

Reserve Coldpower



Cold Amplifier keeps foods fresh up to twice as long!

Someone *always* opening your refrigerator door? Then this marvelous new Hotpoint... with unique Cold Amplifier... is for you! Here's RESERVE COLDPOWER to protect against food spoilage resulting from constant "open-shut" use. Now your foods keep fresh up to *twice* as long! Why? Because proper temperatures are *constantly* circulated from corner to corner of the refrigerator by the Cold Amplifier's 987 square inches of chill surface. Circulated *naturally*, without the use of blowers, fans or any other mechanical device.

plus Frost-Away Automatic Defrosting... and all these other quality features:

Roll-out convenience... Step on a pedal, and this handsome Hotpoint is on glider wheels. So easy to clean beneath and behind it!

Giant-capacity real freezers... More usable space for all kinds of frozen foods. Insulated on all six sides for more even temperatures.

New no-spill ice trays... Water-guards help pre-

vent spills on the floor. Extra-long handles give greater leverage for easy cube removal.

Butter bin with spread control... Automatically keeps butter at whatever spreading consistency is desired. Giant Cheese Keeper. Egg Rack.

Extra storability... Deep shelf in door has ample room for tall bottles—even half-gallon milk contain-

ers... Two-thirds bushel capacity porcelain vegetable crisper keep your fruits and vegetables fresh.

New offset hinges... Allow close-to-wall installation with full accessibility to all foods.

Left or right hand doors... Choose the door-swing best for your kitchen. Shelves swing out from same side as the door.

See the new 1959 models at your Hotpoint Dealer's — now!

Hotpoint



(A Division of General Electric Company), Chicago 44

LOOK FOR THAT HOTPOINT DIFFERENCE

NEW BREAKFAST DRINK DISCOVERY

gives you more vitamin C than orange juice



NEW...
TANG

NEW from General Foods, makers of Instant Maxwell House Coffee. TANG comes in 2 sizes—to fill 12 or 24 glasses.

MORE VITAMIN C than Mother Nature puts in the finest orange or grapefruit juice. You need this vitamin every single day—your body doesn't store it.


MORE VITAMIN A than the best tomato juice, too

NO SQUEEZING, NO UNFREEZING—your TANG jar needs no refrigeration. You make TANG fresh, as much as you want at a time, a glass or a quart.

REAL WAKE-UP TASTE all its own. Never acid-y. Always the same sunny goodness, glass after glass.

ADD TANG TO YOUR SHOPPING LIST NOW

Happiest thing that ever happened to breakfast



SPRING BEAUTY, a bare-legged Lani Mehre digs the azaleas in her Atlanta garden as her husband Harry trims a scraggly sourwood branch with the big pruning shears.

A New Season in the Sod

GARDENERS DIG IN WITH FRESH RECRUITS AND ENERGY

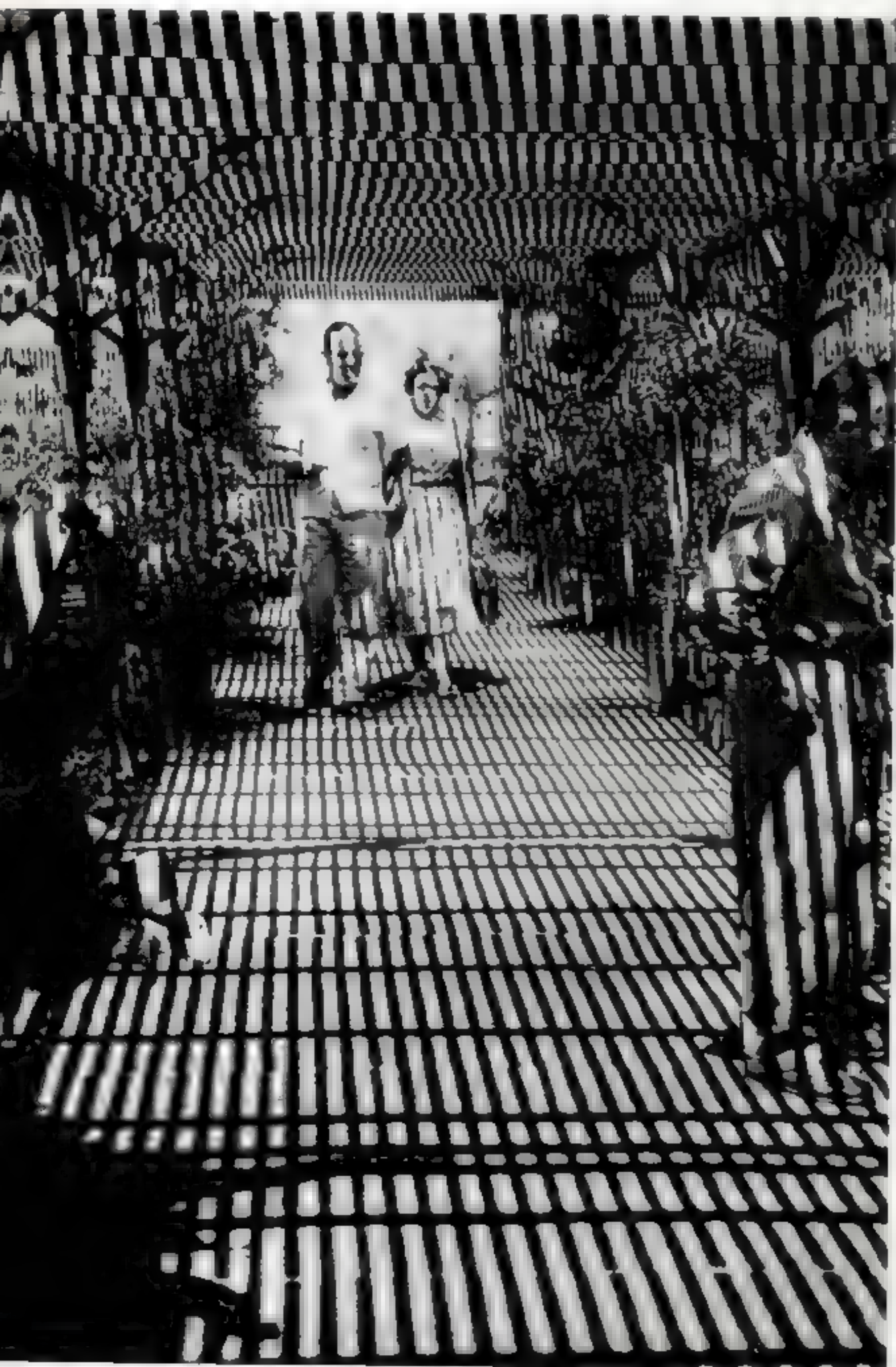
From a worm's-eye vantage the assault seemed fiercer than ever. The huge army of earth movers, swelled by new thousand-sands-of-April recruits, was stabbing steel prongs into the earth, disturbing the life of crawling things, pouring on avalanches of powders and liquids. For America's gardeners it was the sweet time of preparing and planting, of looking fondly for old favorites poking up brightly in the perennial bed and looking covetously at new gadgets and tools bought

in the undying delusion that gardening can be made easy.

Dirt-streaked diggers and planters swarmed into supply stores, a big part of the \$4-billion-a-year gardening business, and went off with seeds, plants and dreams of beauty. The rewards would come in summer profusion but now the pleasure lay just in the doing—in the primitive feel of spade sinking into earth and in the sight and smell of newly turned soil, rich with the dark damp look of fertility.



GARDEN ORNAMENTS, concrete mailbox and concrete figs and stumps to hold plants, are displayed at d'Zacre Simpson's Garden Town in Pasadena. Left



LATH HOUSE filters sunlight for plants at Simpson's, one of the super-market garden centers which are rapidly replacing the old-fashioned feed and seed store.

GARDENERS CONTINUED

For showing and for



growing: odd pots for plants, gay garb for girls



GARDEN PRINTS on slacks and shirt are worn by Mrs. Phyllis Avery Taylor, Santa Barbara, Calif.



PADDED KNEES make down-to-earth work comfortable for Mrs. Benjamin F. Grier, Bel Air, Calif.



DURABLE DENIM, in halter and slacks, is worn by Pauline Kelly, cutting stock in Brentwood, Calif.



POLKA-DOT COVERALLS, knee pads and sun hat help protect Mrs. Robert Wade of Brentwood.

Backbreakers and timesavers for chores that never change



MUSCLE-STRAINER. the lawn roller is brought out by Ed Sheehan of Wilmette, Ill., to repair ravages

of frost and nodes. The trick is to get roller heavy enough to do work, not too heavy to undo worker.



KIDS' DELIGHT. the spreader has the appeal and easy maneuverability of a push toy. Terry Sheehan

13 tries to avoid the fault of most young operators: pouring out more fertilizer than the lawn needs.



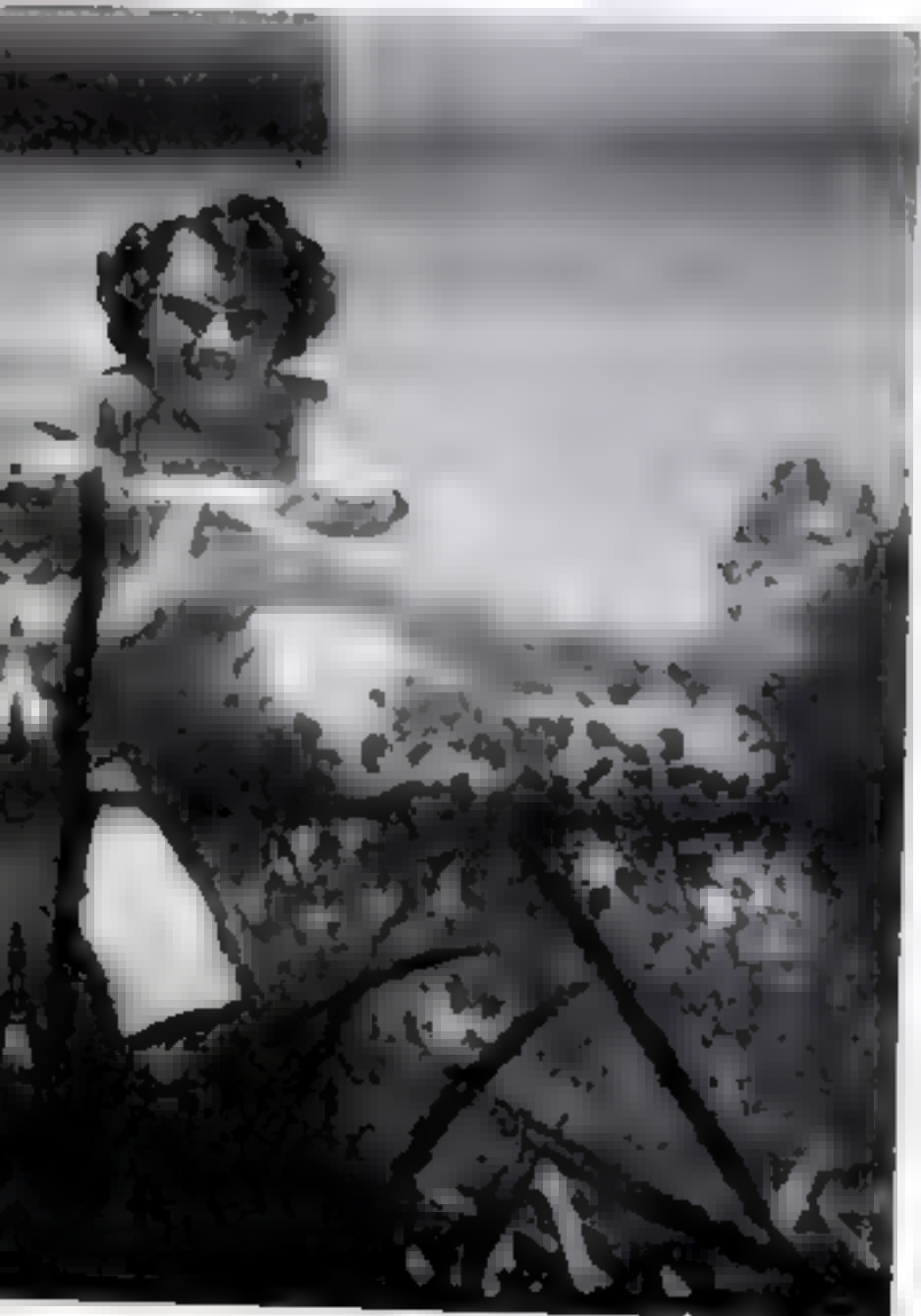
OLD RELIABLE. the wheelbarrow at 11 serves as most dependable carrier for gardeners. Cashing up



FURIOUS ATTACK on lawn is launched by Mrs. Rosemary Thomas of Berkeley, Calif., with mower.



TONY ERNST OF DOWFIELD, III, balances a load here. City last he gave a lot of red flowers across the town.



SOOTHING CLIMAX—comes at day's end when Zena Ger, 11, of Berkeley waters with pruning can.





There's one born every minute... and I'm it! Could've saved \$22 on car insurance with State Farm—even after paying my Lifetime Membership Fees. My renewal saving would now be \$39 a year!* ¶ State Farm members save \$12—\$30—as high as \$125 a year compared to what many people pay.** We keep our rates low by aiming to insure careful drivers only. Yet you can't get better protection or faster, fairer claim service. Can you qualify? Four out of five average drivers can. See the friendly, capable State Farm man in your neighborhood. Look under "State Farm Insurance" in the Yellow Pages. **STATE FARM MUTUAL** Automobile Insurance Company...world's largest. Home Office: Bloomington, Illinois



*Based on Case No. 18713, details on request.

**In Texas, substantial savings have been returned to eligible members in the form of dividends.



REARING AT STRANGE SCENE, HORSE FACES BOMARC, ATLAS, THOR-ABLE AND SNARK MISSILES SET UP AMID PLANES OUTSIDE DOMED CONVENTION CENTER

WORLD'S BIGGEST AIR-SPACE SHOW

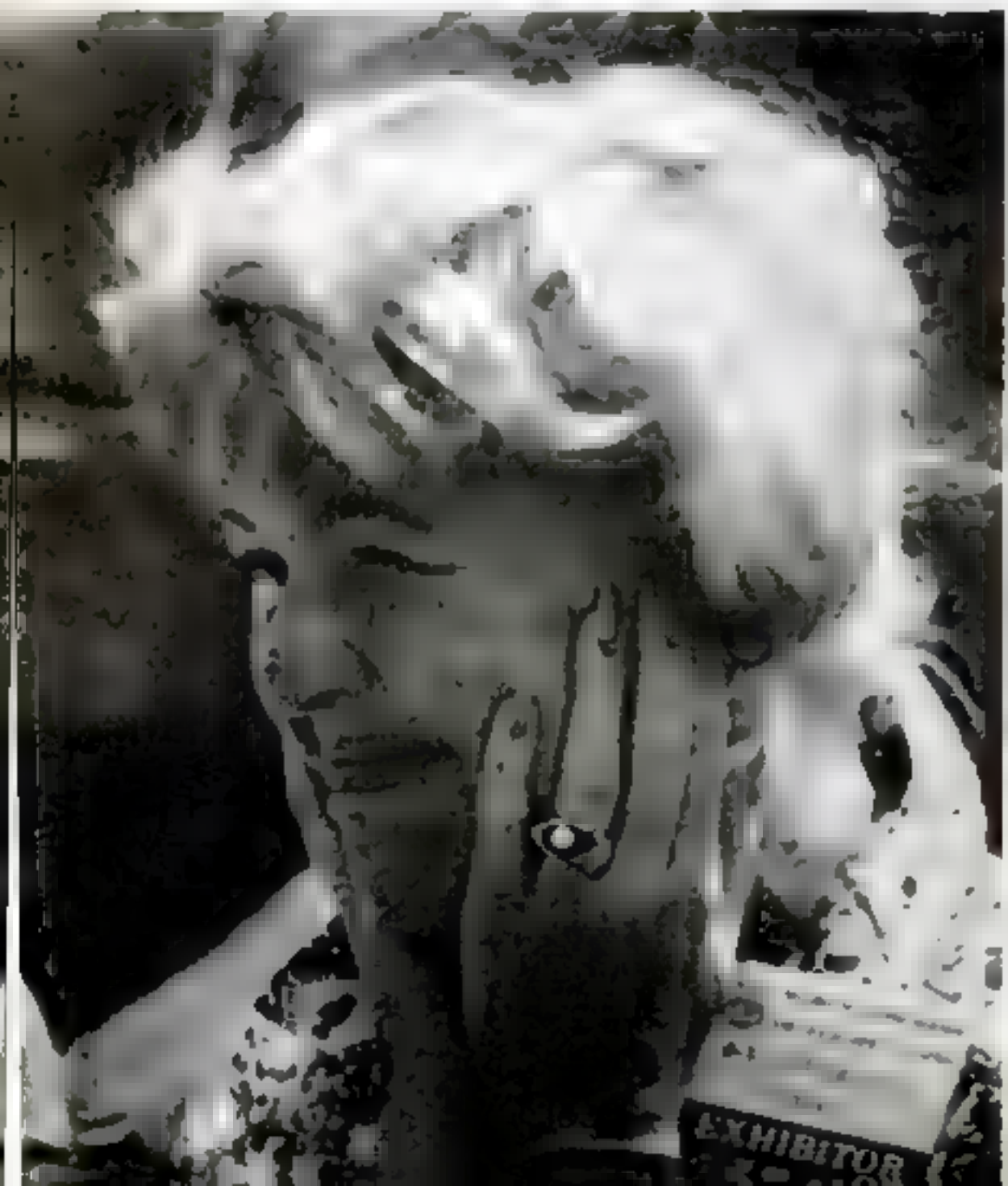
In Las Vegas, Nev. last week the trotting horse out for a spin had good reason to shy. The race track on which it customarily pulled the old-fashioned sulky had been taken over by a mammoth array of sleek missiles and planes displayed at the first World Congress of Flight. Sponsored by the U.S. Air Force Association, the congress put on the biggest display of aviation and space activities ever held.

A total of 5,000 delegates from 50 countries converged on Las Vegas for the event, many coming in hundreds of private planes which

crowded the airport. Generals, pilots and scientists found the congress a convenient way to get together and talk about such subjects as space electronics and air safety. Industry salesmen hovered over 217 displays and made pitches to the crowd on everything from the latest jet transport to space helmets. The hit of the week was a military air show (pp. 128, 131) in which jets zoomed, bombed and careened through the desert air without a single mishap, although the spectators (next page) were pretty shattered by the time the stunting was over.

SHOW'S 'MISS SPACE,' SUZANNE ADAMS, LETS AIR FORCE PILOT TRY HER TOY HELMET →





AIR SHOW CONTINUED

EYE-CATCHING, EAR-SPLITTING THRILLS



STUNTING U.S. NAVY BLUE ANGEL JET TEAM DIVES IN UNISON TO FILL SKY WITH MATCHING CONTRAILS

← **SHAKEN SPECTATOR**, Sheila Root, wife of a Convair executive, grins and plugs up her ears as a jet acrobatic team creates a "batting blast" over the team

CONTINUED



A Terraflex vinyl asbestos floor costs as little as \$37.50 for an average room



MRS. AMERICA, the nation's No. 1 homemaker, says—

"Beautiful floors by Johns-Manville stay first-day new with almost no care"



Design your own floor with Johns-Manville Terraflex® Tile, just as Mrs. America* is doing here. Colorful, helpful J M Booklet shows you over 50 beautiful designs—or you can create your own distinctive floor. *Reg. U.S. Mrs. America, Inc.



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Thanks, America for making it such an *all time* favorite!



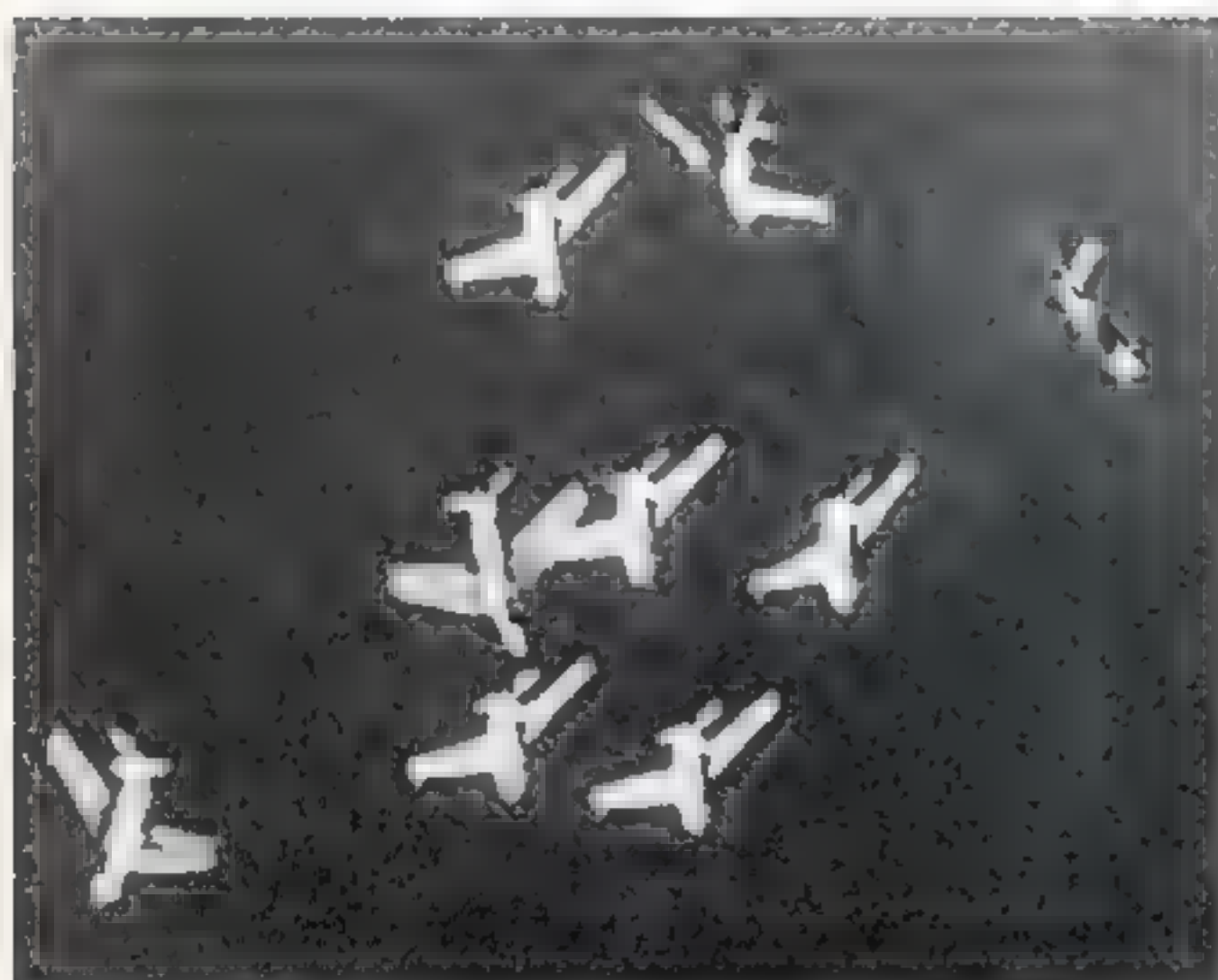
Mid & Western Red & Full-bodied Espresso & More

A&P Custom Ground **COFFEE**

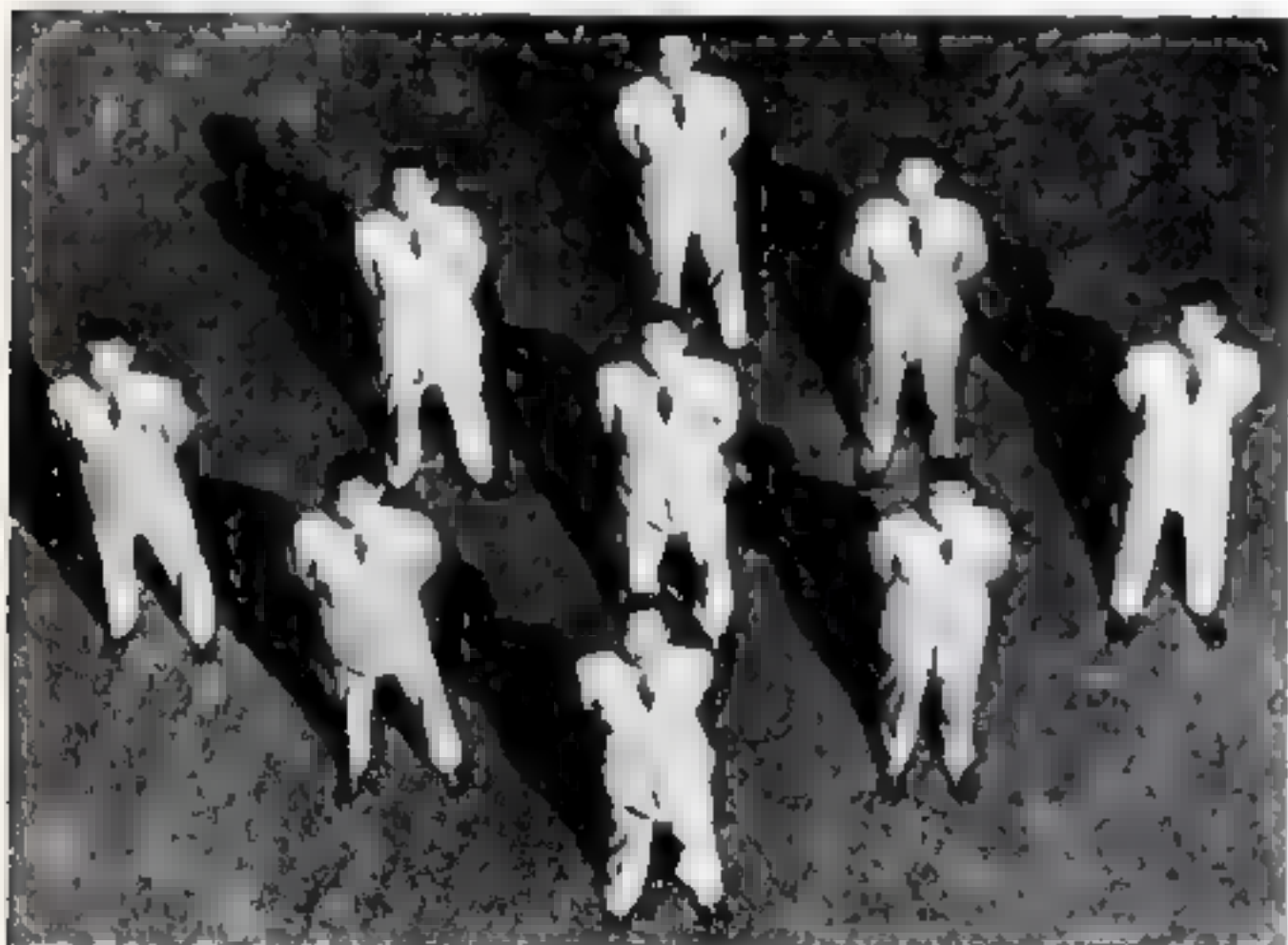
EXCLUSIVELY AT A&P STORES



FLASHY CHINESE DIAMOND



FANCY FLYING is demonstrated by nine F-86 jets of Chinese Nationalist Air Force which peel off crazily (top), then form perfect diamond formation.



CHINESE PILOTS who performed the maneuver are shown on the ground in the same diamond formation they flew for the crowd. Standing in front is leader of the Thunder Tiger team, Lieut. Colonel Lo Hua Ping, 34, who is veteran of Chinese Air Force with 290 combat missions over Taiwan Strait.

CONTINUED



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Magnificent fashion... and it lives up to its name. With magic motion for flawless fit at ankle and calf, late tops to stop garter runs, greater-than-ever snag resistance, in luscious costume colors as well as basics. Remember the name... and your legs will be remembered!

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Good hand tools at a low price. Comfortable balance; smooth, fire-hardened, splinter-free handles; and tough steel blades. No. GC20 Trowel, GC22 Cultivator, GC23 Fork, GC24 Weeding Hoe, many others.

Chrome-plated hand tools 99¢ each

It's tool-up time® at your neighborhood hardware and garden supply stores. Drop in and see the complete line of work-saving True Temper garden tools now. True Temper, Cleveland 15, Ohio.

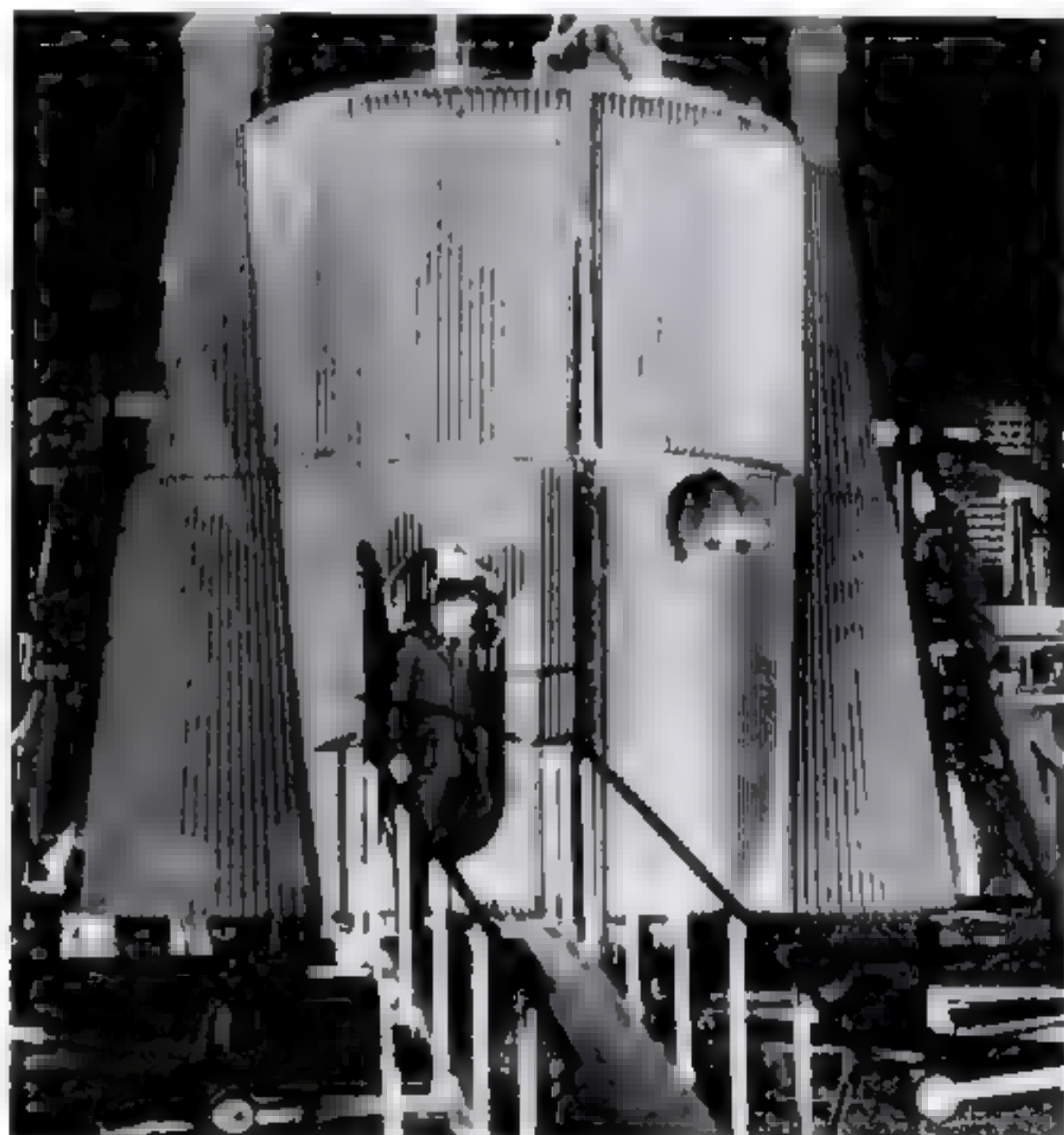
TRUE TEMPER. THE RIGHT TOOL FOR THE RIGHT JOB

AIR SHOW CONTINUED

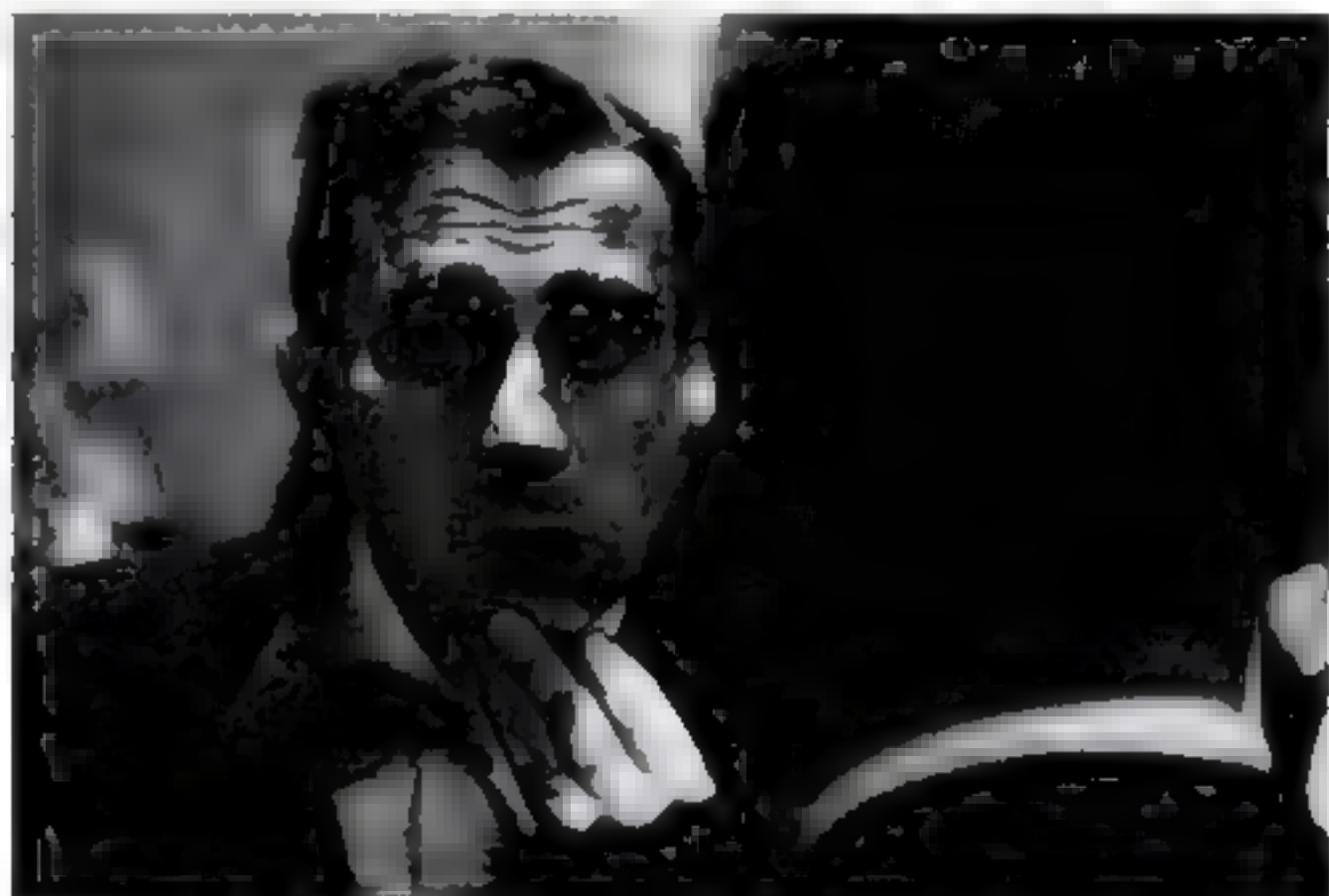
A VARIETY OF VISITING VIPs



ROYAL AVIATION BUFF, Prince Bernhard of the Netherlands, an experienced pilot himself, attends reception before NATO anniversary banquet.



TOP BRASS, Air Force General Curtis LeMay emerges from the interior of an Atlas ICBM which has propulsion section opened up for crowds to inspect.



SENIOR SCIENTIST, Dr. Edward Teller, the father of the hydrogen bomb, screws up his face as he discusses technical problem with another delegate.

CONTINUED



YOURS IS THE RIGHT...
ours is the responsibility

Every American has freedom of choice in the things he buys. He is offered a wide range of products, many grades of quality.

This is as it should be, and the way it will always be because the buyer prefers it that way . . . he wants, and has a *right* to freedom of choice.

And the amazing thing about this American standard is that it follows no particular pattern. A welder may buy an expensive gun; a truck driver the finest in Hi-Fi; a bank president a small car, his clerk a big one. Each has a right to his own individual choice.

At Miller High Life we are most grateful that so many people in all walks of life have an appreciation of the better things. We are grateful that so many of you appreciate our brewing craftsmanship, and our use of the very finest and costliest ingredients. It is good to know that you recognize and respect our long-standing traditions and unquestioned reputation.

To you, we of Miller High Life renew this pledge of our responsibility . . . "*to continue brewing Miller High Life so that quality will always be the foremost consideration*". And, to keep that pledge . . . we promise to continue the brewing of Miller High Life in Milwaukee and *only* in Milwaukee . . . in the world's finest brewery.

Perhaps we will never brew the *most*, but we will certainly continue to brew the *best*!



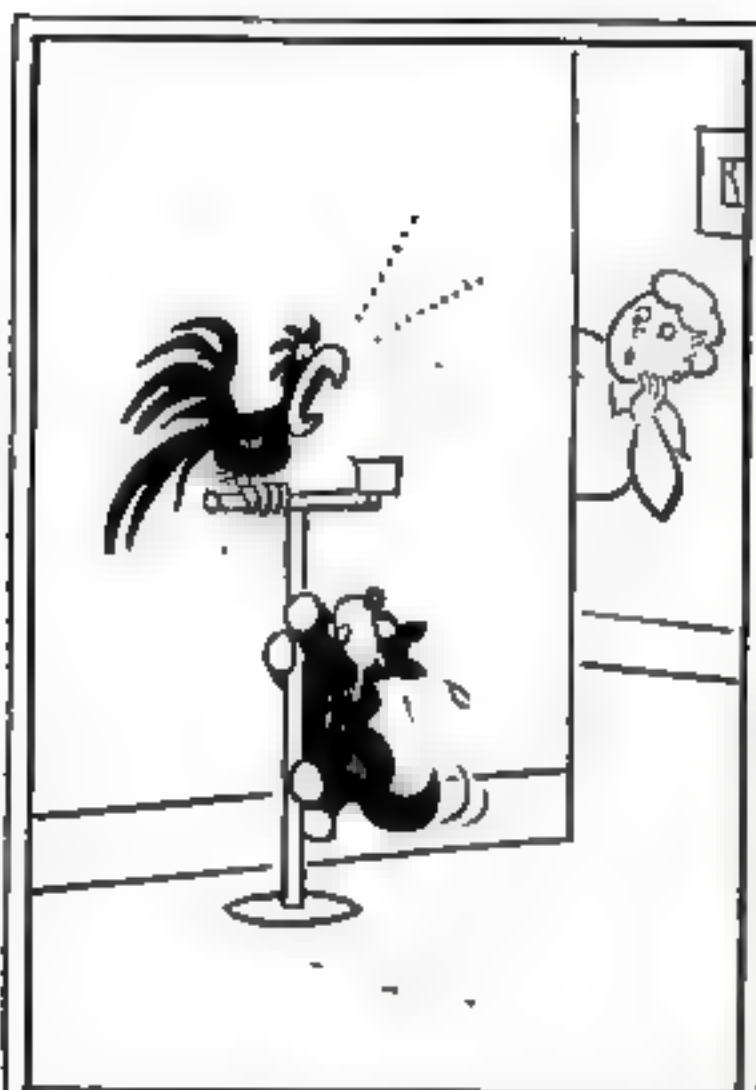
THE CHAMPAGNE OF BOTTLE BEER

MILLER BREWING COMPANY • MILWAUKEE, WIS.

BLOWN UP, THEN FLOWN UP



RUBBER PLANE produced by Goodyear is demonstrated during show of small planes. Unpacked (*top*), the compact "Inflatoplane" is laid out on the ground ready to inflate (*second from top*). After pumping up its fuselage with air, technicians let its wings lie limp while adjusting its 42-hp engine (*second from bottom*). Finally, after five minutes of adjusting and pumping, the plane, which is not puncture-proof, is flown off on mock reconnaissance mission.



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sprinkles, sweetens,
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If you are watching calories you really should try Adolph's Granulated Sugar Substitute — it's the perfect replacement for sugar. Adolph's not only sweetens, but sprinkles evenly on all foods. It's so much like sugar, you'll never know the difference. A godsend for diabetics. Buy the new Granulated



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Just chew NOSIK Medicated Travel Gum to protect against nausea, motion sickness. No pills, no water needed. Child and adult strengths. Only 89¢ at your drug store. Always insist on

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REGULAR • OIL SPRAY • ELECTRIC MOTOR

Win \$10,000 in buried treasure!



...plus a 2-week all-expense
Caribbean Cruise for 2

...plus \$500
spending money

...526 other wonderful
prizes you can win!

Libby's

Treasure Aisle Contest!

A cruise to a sunswapt vacation paradise...a treasure map...and a buried chest that holds \$10,000 in cash! It can all be yours in Libby's Frozen Foods Treasure Aisle Contest.

It's Easy to Enter. Just think of a slogan (10 words or less) for Libby's Frozen Foods. Send your entry along with 2 front panels from packages of Libby's Frozen Foods or embossed can tops from Libby's Frozen Juices to the Treasure Aisle Contest. *Send as many entries as you wish.* There are so many nice things to say about Libby's, and you'll find extra entry forms at your grocer's TREASURE AISLE of frozen foods. *Hints:* You can tell about Libby's quality, or freshness, or flavor, or ease-of-preparation...or *anything* that appeals to you. For example: "If it's fresher than Libby's, it hasn't been picked," or "Only the finest is chosen to be frozen by Libby's."

The Grand Prize for the best slogan is a luxurious all-expense-paid Caribbean cruise for two...\$500

spending money...AND the map that leads you to the buried chest holding \$10,000 in cash! And there are 526 other prizes...loads of opportunity for you to win! Don't miss this once-in-a-lifetime contest. Send your entries in now! You can win!

PRIZES

1st prize: \$10,000
...plus 2-week Caribbean Cruise for 2 ...
and \$500 spending money besides

2nd prize: 2-week all-expense Caribbean Cruise for 2, plus \$500 spending money.

Two 3rd prizes: Philco Stereophonic Radio-Phonographs (approximate retail value \$700.)

Four 4th prizes: Philco Home Freezers (approximate retail value \$250) plus \$100

worth of frozen foods from your grocer.

Nineteen 5th prizes: Philco Transistor Radios (approximate retail value \$45.)

500 other valuable merchandise prizes



CLIP THIS ENTRY FORM NOW

RULES

1. Submit a slogan (ten words or less) for Libby's Frozen Foods on the entry form below or on a plain piece of paper

2. Send in as many entries as you wish, but each must be accompanied by two front panels from packages of Libby's Frozen Foods or embossed can tops from Libby's Frozen Juices.

3. Mail entries to Libby's Treasure Aisle Contest, P. O. Box 8530, Chicago 77, Ill. Entries must be postmarked before midnight June 13, 1959, and received before midnight June 20, 1959.

4. All persons in the continental U.S.A. (including Alaska and Hawaii) may enter, except employees of Libby, McNeill & Libby, its advertising agencies and their families.

5. The Reuben H. Donnelley Corporation will judge entries

on their originality and aptness of thought. Decisions of the judges are final. In case of ties, duplicate prizes will be awarded.

6. The best slogan, in the opinion of the judges, will receive an all-expense Caribbean cruise for two, \$500 spending money for the trip, and \$10,000 in cash. The grand prize winner must take the cruise during 1959—or may elect to take the \$10,000 cash alone instead of the cash, cruise and spending money. There will be 526 additional prizes.

7. All entries and the ideas therein become the property of Libby, McNeill & Libby, to be used as the company sees fit. Winners will be notified by mail. List of winners on request, about 90 days after close of the contest, if self-addressed stamped envelope is enclosed. Contest is subject to all federal, state and local regulations.

Libby's Treasure Aisle Contest, P.O. Box 8530, Chicago 77, Illinois

Here's my slogan for Libby's Frozen Foods: _____

Name _____

Address _____

City _____ Zone _____ State _____

Libby's TREASURE AISLE
OF FROZEN FOODS
at your grocer's now



© 1959 by Kellogg Company. Rice Krispies is a trademark (Reg. U. S. Pat. Off.) of Kellogg Company for its oven-toasted rice.

The best to you each morning from Kellogg's of Battle Creek

The voice of nourishment... Beautifully brown, brisk and bouncy. (Says "Snap! Crackle! Pop!" when you pour on milk or cream.) Translated, the message is this: "Here's the important nourishment of whole grain rice, in its brightest, gayest breakfast form." Got it?

*"They snap with energy,
Crackle with fun,
Pop up the muscles
For everyone."*



Kellogg's

RICE KRISPIES

Negro Talent in a Prize Play



AS PLAY'S HERO, SIDNEY POITIER ACTS WITH FIERY INTENSITY, URGING MOTHER (CLAUDIA MCNEIL) TO GIVE HIM HER INSURANCE CHECK

'A RAISIN IN THE SUN' GLOWS WITH WARMTH AND SIDNEY POITIER'S VIGOR

The arrival of \$10,000 in a family of hard-working Chicago Negroes is what sets the plot spinning in *A Raisin in the Sun*. But what has set Broadway spinning is the unprecedented array of Negro talent involved in the new play. It was written by 28-year-old Lorraine Hansberry and is the first work by a Negro woman ever produced on Broadway. It is also the first Broadway play ever directed by a Negro

Lloyd Richards. The fine cast—mostly Negro—is headed by Sidney Poitier, who adds now to his movie reputation by becoming a major stage star (pp. 140-144). New York's drama critics have just voted *Raisin in the Sun* the season's best new play, over entries by Tennessee Williams and Eugene O'Neill.

In the first act, even before the mailman brings the life insurance

check, three generations of the Younger family are churning around in mid-dream, planning how to spend the money. The widowed mother wants it for her daughter's medical studies and a better home. Her son wants to invest in a liquor store so he can get rich and support his own family decently. In the end the dream explodes, but the Youngers have grown wiser and closer.

Author Hansberry handles her Negroes sympathetically but not with kid gloves. She teases a giddy college girl for vamping about Nigerian folk dancing and her "African heritage." She shows her hero's fits of pettiness as well as his valor. By seeing her Chicago Negroes as human beings rather than social problem cases, she has created a moving and warmly humorous landmark in Negro literature.

PRIZE PLAY CONTINUED

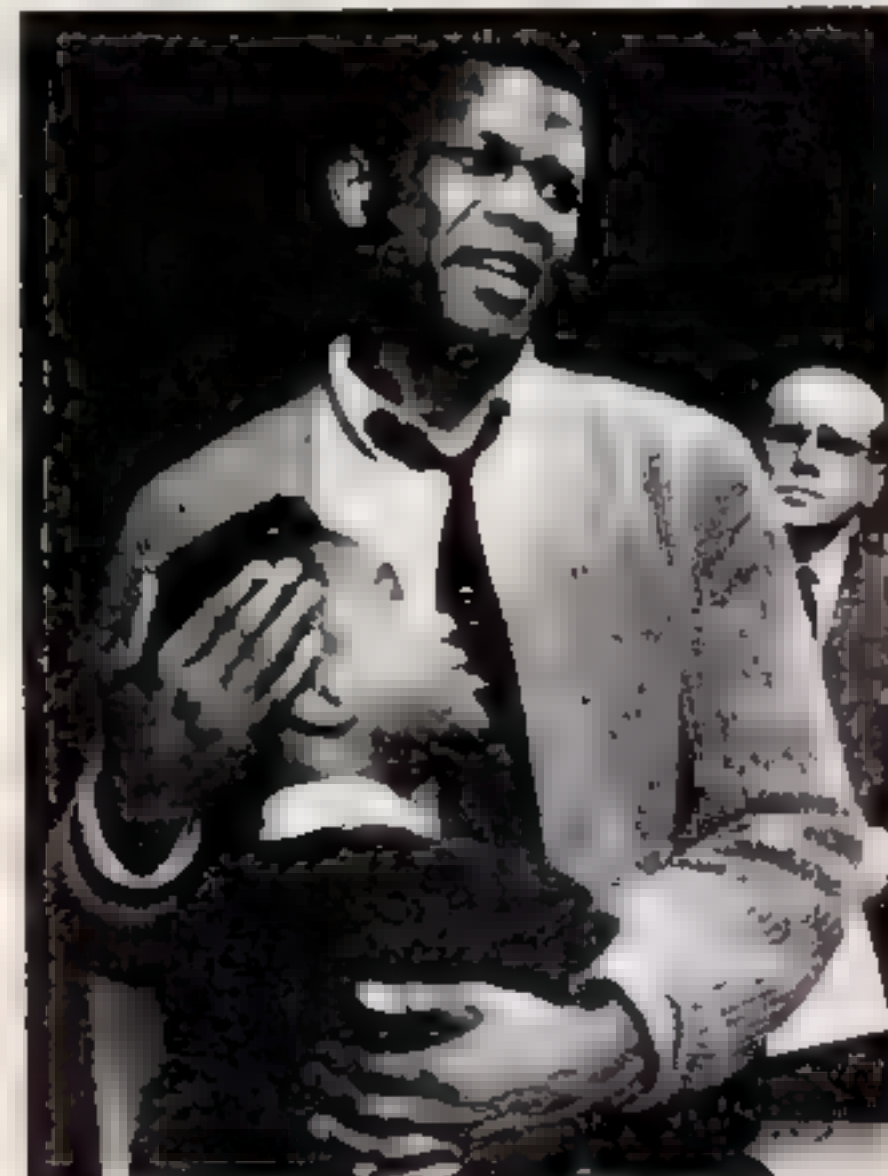


GURFEE, BECAUSE HIS MOTHER HAS GIVEN HIM LARGE CHUNK OF INSURANCE MONEY, WALTER HOPS OVER FURNITURE AS PUZZLED WIFE CRIBBY LOOKS ON



ANTAGONIZED by a sharper, older model who represents well-off Negroes, Walter cries out in dismay, "Here I am a great... surrounded by a..."

ANGUISHED to hear that he has lost the car and money for nothing, Walter, looking as a... Walter asks the friend who brings the good news...



HEARTENED by the sons of... Walter regrets his family and... stable... for Walter wants to bring him in to move... need her... and...

CONTINUED



He can't
get you
out of
his mind...

when Wind Song
whispers
your message

You are unique when you wear
Wind Song... because Prince
Matchabelli created this perfume
to *diffuse differently on each
woman who wears it.*

You are the lovely disturber that
wakens its fragrance to fulfillment.
As it warms against your skin,
Wind Song becomes the warmth
and rhythm of your own special
pulse beat... your pulse beat is
Wind Song come to life.

Wind Song is the subtlest form
of communication between woman
and man. Its lingering and mem-
orable message is you.



BY
Prince Matchabelli

Perfume 3.00 to 25.00
Cologne Spray Mist 2.00, 3.50
Cologne Parfumée 2.00, 3.50

PRICES PLUS I.A.S.

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New Bissell Shampoo Master
cleans a 9x12 rug in 30
minutes. Gives professional
results at 1/10th the cost.

Here's a new way to clean your rugs at home. A few quick strokes and stains from milk, coffee, soft drinks or greasy foods simply disappear.

The Shampoo Master applicator makes all rugs easy to clean. From wall-to-wall carpets to stairway strips.

So clean your rugs as often as you like—with perfect safety. You can make them look brighter, stay cleaner and last longer. Because Bissell Rug Shampoo takes out ground-in dirt, instead of just covering it up.

Yet this convenient new method costs only one-tenth as much as professional rug cleaning in your home.



**NEW BISSELL RUG SHAMPOO—GUARANTEED
TWICE THE CLEANING POWER OF OTHER
LEADING RUG CLEANERS**



Has 2 to 5 times more active cleaning ingredients. Odorless—non-flammable—nontoxic; safe for rugs and carpets.

Contains no alkali. Won't burn nap or dry out the lanolin in wool. Doesn't have to be rinsed or wiped off carpet. Harmless to people and pets.

To clean all your rugs get the Economy Half Gallon for only \$3.98. Regular size cleans a 9 x 18 rug area. \$1.98 for just.....



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CARPET SWEEPER
No dipping, drip-
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You pay only **\$14.95** for this KIT worth \$16.93

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NEW BISSELL SHAMPOO MASTER

Made and guaranteed by the makers of famous Bissell Carpet Sweepers,
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PRIZE PLAY CONTINUED



AT HOME with his pretty wife. Poitier likes to slouch comfortably around the house. They live in Mount Vernon, N.Y., with three daughters, 2 to 6.

Poitier's Search for the Right Corner

by TOM PRIDEAUX, *LIFE* Entertainment Editor

In an early scene of *A Raisin in the Sun* Sidney Poitier tightens his fists and cries out, "I'm 35 years old and I ain't got nuthin'."

Being a fine performer, Poitier makes the words sound as if he is tearing the words from his own heart. But Poitier is speaking, least of all, of himself. At 32 years, he is already accepted almost without question as the best Negro actor in the history of the American theater.

This season is his finest yet. He plays the coveted role of Porgy in the forthcoming movie of Gershwin's great popular opera, *Porgy and Bess*. For his acting job in *The Defiant Ones* he was nominated for a 1958 Academy Award as the year's best film actor, the only Negro actor ever so nominated. And for his role in *A Raisin in the Sun* he won unanimous praise. Wrote N.Y. Times Critic Brooks Atkinson: "He is as eloquent when he has nothing to say as when he has a pungent line to speak."

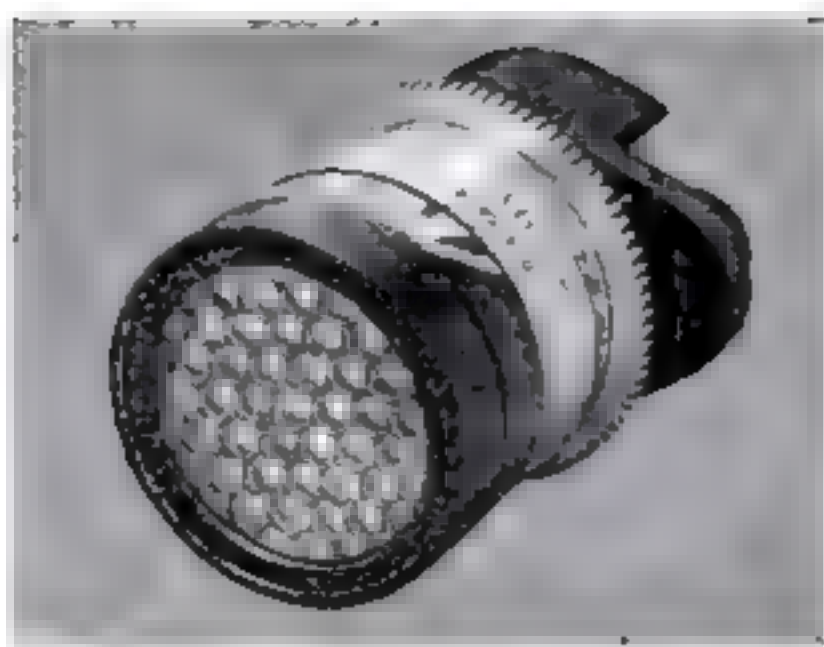
To be praised for eloquence even when he does not open his mouth is, according to Poitier, "the living end." Such give talk comes from him only when he feels high-spirited. He is dignified and almost pontifical when talking of his favorite subjects: child education, politics, race relations and jazz. Ordinarily, this would keep people at a distance, but Poitier is what his friends call "a quick connector." In face to face meetings he quickly establishes contact with other people. This quality stands him in good stead on the stage. He makes audiences feel close to him because he feels close to them.

Whenever Poitier walks on stage, excitement walks on with him. He seems to be taking it easy most of the time but with the hidden tension of a coiled spring. In appearance he veers between man and boy. His open grin and handsomely boyish head set off a powerful body. He can be as appealing as a child or show a shattering range of deep adult emotion.

Today, acting and Poitier seem made for each other, yet his entry into show business was roundabout and almost accidental. He grew up in the Caribbean islands with seven brothers and sisters and left home at the age of 15 because he felt he was a family burden. He drifted to New York where he worked as dock hand, dishwasher and plucker of chicken feathers in the Waldorf-Astoria kitchens. "I was looking in many corners," he says, "to find a sense of myself."

In a Harlem newspaper he saw an announcement of The American Negro Theatre urging actors to audition. At that time he had no special interest in theater, but it was one more corner to look in. At the audition the director handed him a scene to read aloud. Having

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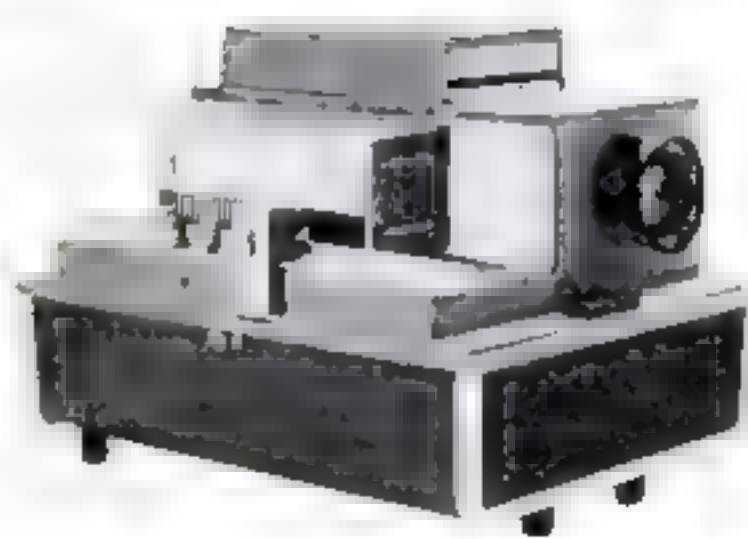
This photo-cell makes you an expert!

Not too long ago, you couldn't be sure a slide was good until you saw the finished transparency. But now, thanks to the Argus C-44 with its *coupled* light meter, everybody can get a perfect slide every time the shutter clicks. You merely choose the shutter speed you want and the meter tells you the *one* lens opening that will give you a perfect exposure. And a family of bayonet mount interchangeable lenses let the C-44 grow as your skill grows. America's finest 35mm camera... but the price is strictly beginner's luck. With 50mm, f:2.8 lens instead of the telephoto shown here, it's only \$99.95... at any Argus dealer's. Turret viewfinder \$19.95.

Picture the fun in your life with the

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Picture the fun in your life with the
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The next test of your skill

The Argus C-44 is all the camera you'll ever need to keep your photo skill growing, your interest lively. Sooner or later, you'll want to investigate new fields with your C-44. That's when you'll be asking about the accessory lenses specially designed for it. Telephoto lens, \$44.50. Wide-angle lens, \$41.50. 50mm, f:1.9 lens, \$79.95.

The case of the shrinking movie projector

Mystery: What happened to the old-fashioned bulky projectors that bristled with arms and levers and pulleys and gears?

Solution: They've been replaced by the new Argus M-500... the first projector ever built with its reflector *inside* the projection lamp. You get full 500-watt brilliance from a projector only 8½ inches high! It takes 400-ft. reels (for uninterrupted 30-minute shows) and has an amazingly low price: \$89.95.

Picture the fun in your life with the
ARGUS M-500 MOVIE PROJECTOR





"If you favor
the fashionable,"
says Mr. NEOLITE.

"you'll look for the
SOLE OF FASHION
when you buy
hi-style shoes."



**NEOLITE
FLEX
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so flexible...
so comfortable...
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... you'll never know how comfortable
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Soles. They're so incredibly light and
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THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO

PRIZE PLAY CONTINUED

been to school less than two years, Sidney read haltingly in a gumbo-thick West Indies accent.

"The director was furious," says Poitier. "He told me to get out and not come back until I could speak correctly."

Coming from a man of his own race the rebuff had a salutary effect, for Poitier could not tell himself he had been wronged because of his color. He bought a radio and improved his diction by listening to news commentators. After six months he felt on sufficiently good terms with the king's English to ask for another audition. "I still didn't want to act," he says, "I just wanted to show that man."

Remembering how he decided to prepare a scene for his second audition, Poitier laughs and swings his legs over the arms of a chair. Currents of mirth run through him like electricity, and when really amused, he hugs his knees, dances or rolls on the floor. "I was such an idiot, my God!" he says. "I knew you could buy comic books and all that silly type jazz, but I didn't know you could buy plays. So instead I bought a *True Confessions* magazine and memorized a long passage. I enacted a girl going through her trials and tribulations. I had to say, 'There I stood waiting for my Jim, my one and only Jim.'"

Ludicrous as it was, the performance impressed a visiting director who helped Poitier get a brief Broadway job. Then he joined a touring company of *Anna Lucasta* and had his first real dose of acting. He felt right and happy as a performer. At last he had found the corner where he had a sense of himself.

As he became known in the small New York world of Negro actors, Poitier picked up TV and movie jobs. In 1951 he was taken to South Africa to make the film, *Cry, the Beloved Country*. According to the law of the land, the land of his ancestors, he could enter it only as the bonded slave of the film's producer.

Misadventure of 'Ribs in the Ruff'

BACK in New York after the film, Poitier met attractive Juanita Hardy. She was studying accounting and African dancing. "But I put a quick stop to that," Poitier says. "I borrowed \$10 to get married, and after a one-day honeymoon I rushed out to hunt a job." By this time Poitier had had prominent roles in three movies and a half dozen TV shows, but there was not enough Negro acting work to keep him fully employed. He found jobs as a packer of dresses in New York's garment district, and in a construction company where, for \$72 a week, he unloaded trucks, hauled lumber, stacked kegs of nails and got a hernia. After a few weeks of rest, he teamed up with a friend and opened a barbecue restaurant in Harlem called "Ribs in the Ruff."

It is doubtful if any business enterprise was ever more misguided or carried on with more zeal. The two aspiring restaurateurs borrowed \$200 from friends in order to take a five-year lease on a hole-in-the-wall shop. Unable to buy equipment, they set forth every day in a beat-up old Mercury, visiting all the city's dumping grounds where they picked up lumber, crates, pipes and anything else for which their vaulting imaginations could envisage any use. When they needed paint, they visited building projects and persuaded workmen to relinquish leftover paint cans that still contained a few drops. When they needed a cement floor, they hauled in sand from a bathing beach.

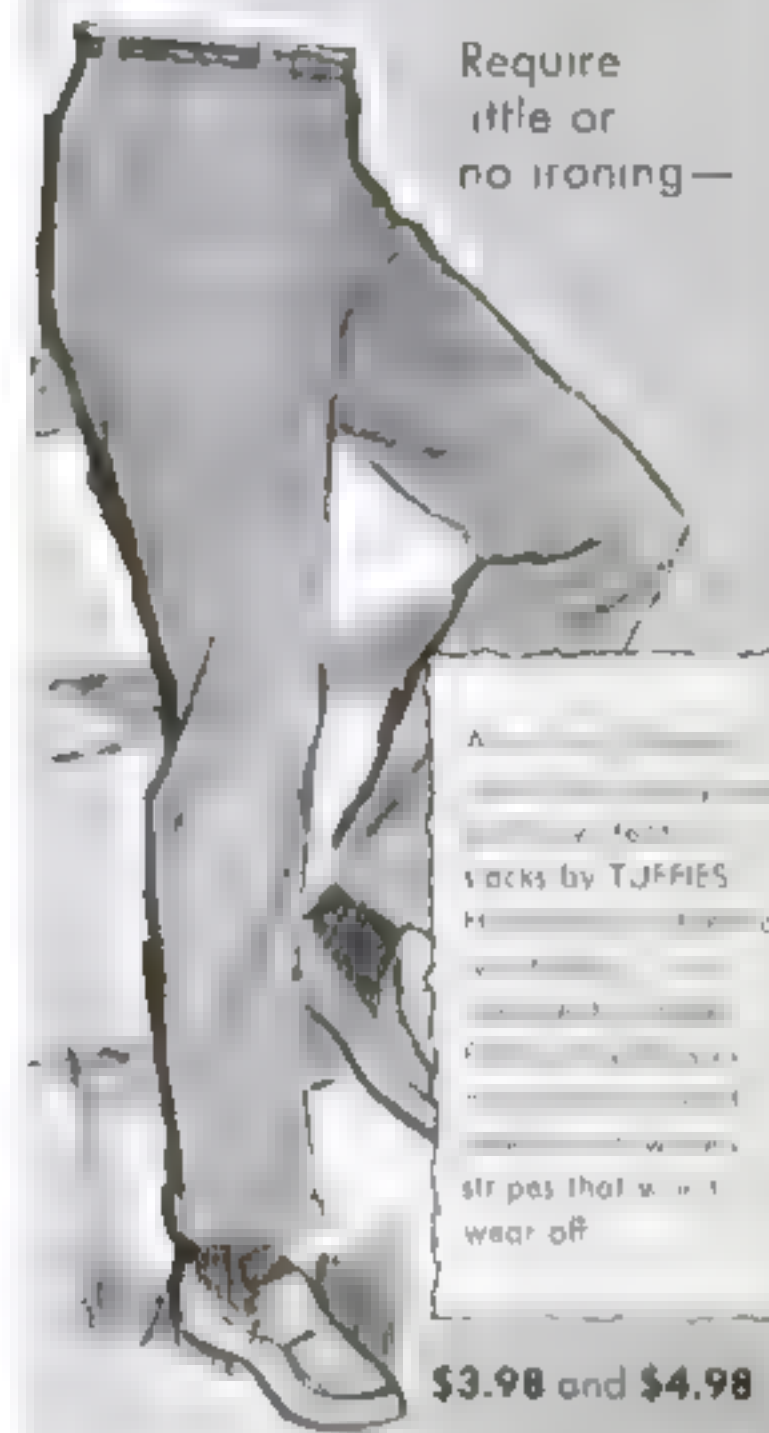
When Ribs in the Ruff, after an orgy of do-it-yourselfism, finally opened, it accommodated only 30 customers, not enough to yield even a modest profit. But everybody liked the spareribs. The partners opened two more sparerib places, both equally unprofitable, and at last a fourth restaurant large enough to make money. It burned down. The partners sold two of their places, and Poitier himself took over the original Ribs in the Ruff.

One hot summer night, Poitier stood behind his stove and made only one sale—a 70¢ rib sandwich—between 6 o'clock and midnight. He said to himself, "Brother you've had it," and he went next door to tell the candy store clerk that he could have all his milk and butter and sugar. Then he cleaned up everything, turned off the gas, electricity and water and took the bus home. When he told his wife what he had done, she said, "Good." He sold the place for \$1,200 and paid back all his business debts.

Poitier admits to a mystical feeling about the night of his walkout. It seemed as if the gods of good fortune were waiting to help him, once he had boldly helped himself. From that time he has never been out of work as an actor. Most of his acting has been in films, for in recent years movies have offered more important opportunities to Negro actors than either TV or Broadway.

Poitier takes seriously his responsibility to his race. "There's lots I can do about it," he says, "and lots I do do about it. But beyond that I don't let it bug me. My best statement is my work as an artist." He turned down a movie role in *The Phenix City Story* because he was asked to portray a wishy-washy Negro, and he did considerable soul-searching before he agreed to play Porgy.

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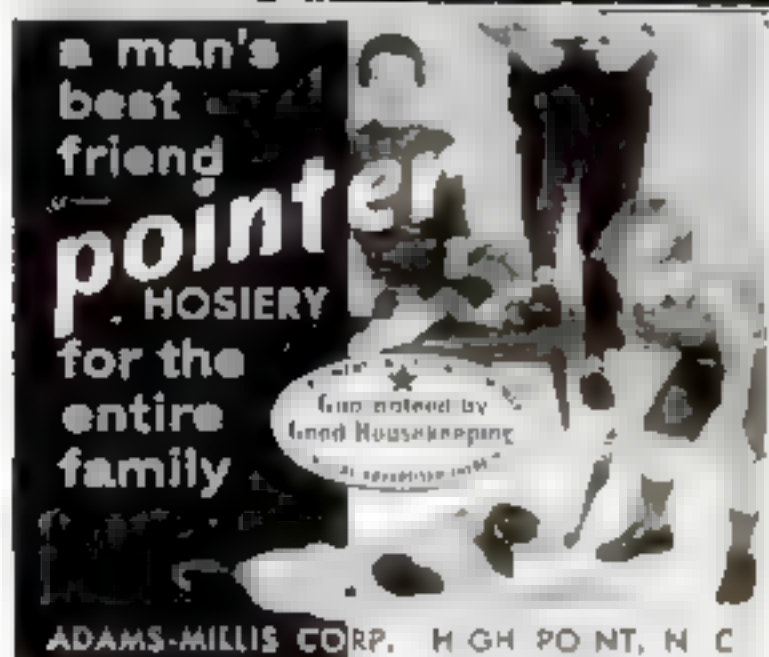
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Amazing discovery ends dulling,
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One can does all colors!

Jumbo aerosol can available everywhere
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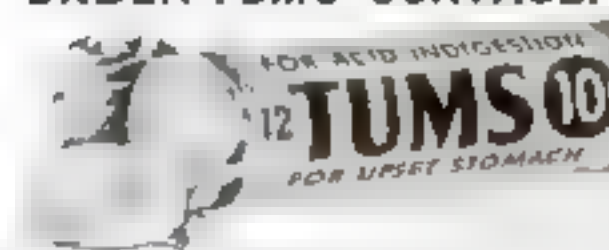
Fibre Glass-Evercoat Co., Cincinnati 36, Ohio



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HEART burn?

KEEP YOUR TUMMY
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TUMS ARE ECONOMICAL—3 ROLLS ONLY 25¢

CONTINUED



Have **Jacobsen** – will travel

(IT'S THE ESTATE 24)

And travel it does, smoother, safer, easier than any power mower you ever imagined. You sit tall in the saddle, wave to the neighbors, put the Estate in gear, and you're off over the lawn.

Man—that's living! Look behind you. That's mowing! Smooth, wide and handsome and why not? The design of the Estate 24 shear-cut reel mower set the pattern for the Jacobsen Putting Greens Mower, famous as the finest precision mowing machine made, and preferred on a big majority of America's golf courses.

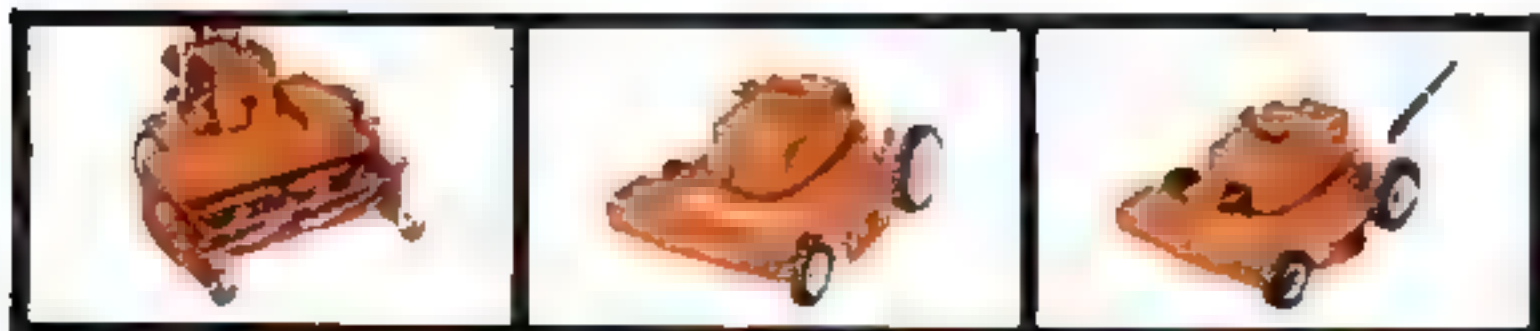
You'll have more fun, spend less time and have a better looking lawn when you ride the Estate 24. If it is more mower than you may

need, your Jacobsen dealer can tell you about the other twenty-three reel or rotary models (priced from \$74.50), that carry the *first* name in power mowers—Jacobsen.

ESTATE 24 FACTS. 24-in. cutting width, trimmer type, 3 hp Jacobsen Hi-Torque engine, 6-blade reel. Model 8A with conventional "walk behind" handle, 2 wheel drive, \$355.00. Model 8B with full roller drive, \$375.00. Model 62 Riding Attachment as illustrated, \$77.50. Electric starter, grass catcher, spiker-aerator, and straight blade snow plow, extra. *One-year Warranty.* All Jacobsen power mowers are factory warranted against defects in material or construction, for one year.



NATIONWIDE SALES AND SERVICE. Look in your Classified Phone Directory under "Lawn Mowers" for your local Jacobsen dealer. Also in Canada.



The Velva-Trim Trimmer type, high speed 6-blade reel, 18 and 21-inch cutting widths. \$149.50, \$169.50.

The Turbo-Cut Model 35C Power-Propelled. Features exclusive Suction Lift Disc. 21-in. cutting width. \$169.50.

The Turbo-Vac Model 75 Grass catching rotary, vacuum cleans as it cuts. Safest rotary made. 18-inch cutting width. \$139.50.

Feature for feature—the finest!

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left field is "loaded" with **poison ivy**
but all he can catch is the ball

AQUA IVY TABLETS

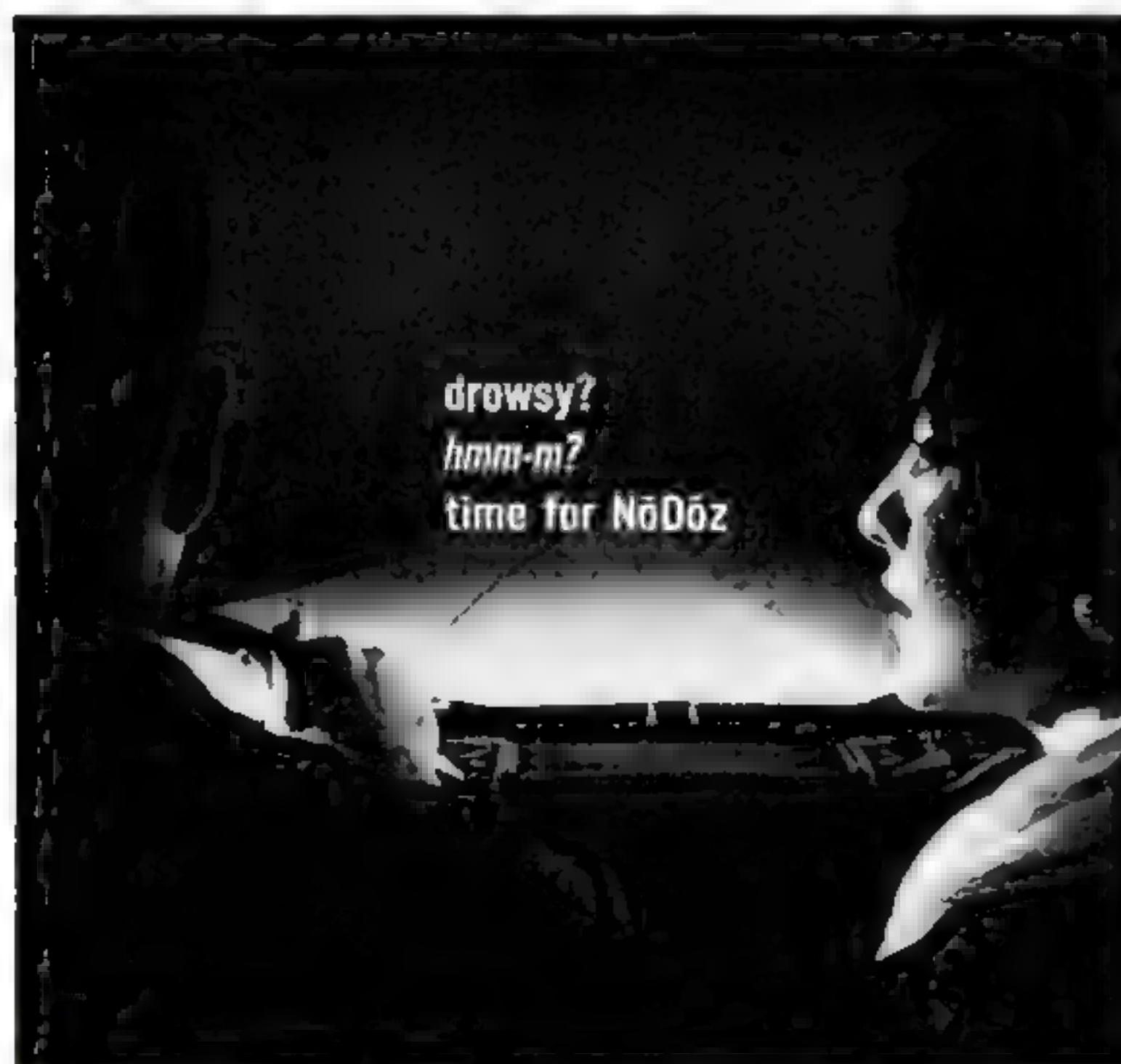
have given him
season-long immunity
to poison ivy
and
poison oak

Imagine—now you can prevent poison ivy, not just treat it!
Imagine—an easy-to-take tablet which can give you immunity all summer long!
The name—AQUA IVY TABLETS.
Start the family taking AQUA IVY TABLETS now...before the outdoor season.
Clinically tested, safe for children, AQUA IVY AP® TABLETS really work.
Available at your drug store without prescription... In Canada too.

Send for free booklet—"Facts You Should Know
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PRIZE PLAY CONTINUED

Quite naturally Poitier was interested when he heard that a New York friend planned to produce a play about Negroes called *A Raisin in the Sun*. He invited Poitier to hear Author Hansberry read her play to a group of friends. Almost at once he agreed to act in it.

His part is not a showy one. Encircled by a trio of chatterboxes—his mother, sister and wife—he broods around the house during most of the play's action, dreaming of the day he will emancipate himself by starting a liquor store with his father's insurance money. In other hands the part might become sluggish or unsympathetic, but Poitier seems unconsciously to command sympathy—and attention. In one unforgettable scene he stands quietly in a corner listening to a family conversation that riles him. With almost no reaction on his face, he slowly crushes an empty beer glass in his hand and cuts his finger. He licks off the blood absent-mindedly, as if he were too angry to feel the pain. It is a wordless scene, completely underplayed, but it is a perfect example of the Poitier wallop; maximum impact with minimum display.

Poitier has many acting gifts, but perhaps his finest is an appearance, an aura, of unspoiled natural virtue. To an important degree, this grows out of his happy, uncomplicated childhood. Cat Island, where he lived on his family's tomato farm, was a simple Caribbean paradise. "The sea was our backyard," he says, "and every morning we ran and jumped in it." Until he was 11 and moved with the family to Nassau, he had seen neither automobiles nor electric lights.

Poitier likes to talk about his boyhood rituals and Crusoe adventures. Coconut trunks, he says, were bound together to make sturdy fishing rafts. Thread was waxed with tree sap to make fish lines. Pins were held between front teeth and bent into the right shape for fish-hooks. And then came the long days, riding the little rafts far out on the dazzling blue sea. Sidney and his brothers held the thread between the thumbs and forefingers of both hands, waiting for the tug of Caribbean shad, turbot, grunts and goggle-eyes. At night the fish were boiled in the family kettle along with the juice of limes and hot Mexican peppers that grew wild on Cat Island. "I'm glad I had those days," says Poitier. "I was free in body and spirit."

Those days hold the clue not only to Poitier's acting but to all he stands for today. Although on occasion he has been cast as jailbird, Mau Mau leader and juvenile delinquent, he himself is best suited to the role of the good man and good companion, the kind of character who appears again and again in literature. Herman Melville in *Moby Dick* evoked him in the noble savage, Queequeg, who became Ishmael's bedfellow in the New Bedford Inn. Mark Twain created him in a smaller edition as Huck Finn's Negro friend, Jim.

Poitier, of course, is no longer a simple child of nature. He has a sharp, nimble mind, and though he did read comic books 10 years ago, he is now reading about the Stanislavsky method of acting—at least to find out what it is all about. But more important than his talent and intelligence, Poitier has an innate wholesomeness. Warmth and naturalness nurtured during those long, happy days in the Cat Island sun shine through his life and work, giving final dimension to his great appeal as an actor.



DIRECTOR AND AUTHOR of *Raisin*, Lloyd Richards and Lorraine Hansberry, enjoy a party given at Sardi's restaurant to celebrate play's success.



The Temptation of Beautyrest

Another story of the mattress where comfort begins and backache ends.

It's great to get home on Boot Leave and find everything the way you left it. Your room. Your trophies. And your Beautyrest® comfort... just as tempting as ever. Or my aching back, how can anybody stay on their feet when there's a Beautyrest in the room.

No wonder more people sleep on Beautyrest than on any other mattress in the world. It's the place where comfort begins and backache ends.

It's the only mattress with separate back supporting springs that push up-up-up in the small of your back. In all other mattresses, the

curve of your back gets *no* support at all. But that's not all. You'll find that your Beautyrest gives—

Such bed comfort in a double bed! Because each spring is separate, the heaviest husband cannot disturb his wife's rest when he turns in his sleep. No rolling together. Beautyrest will never, never sag.

All this—and the best costs the least! Every endurance test has proven Beautyrest lasts 3 times as long as the next best mattress. So it costs far less to own. Don't bargain with your rest. Insist on Beautyrest!

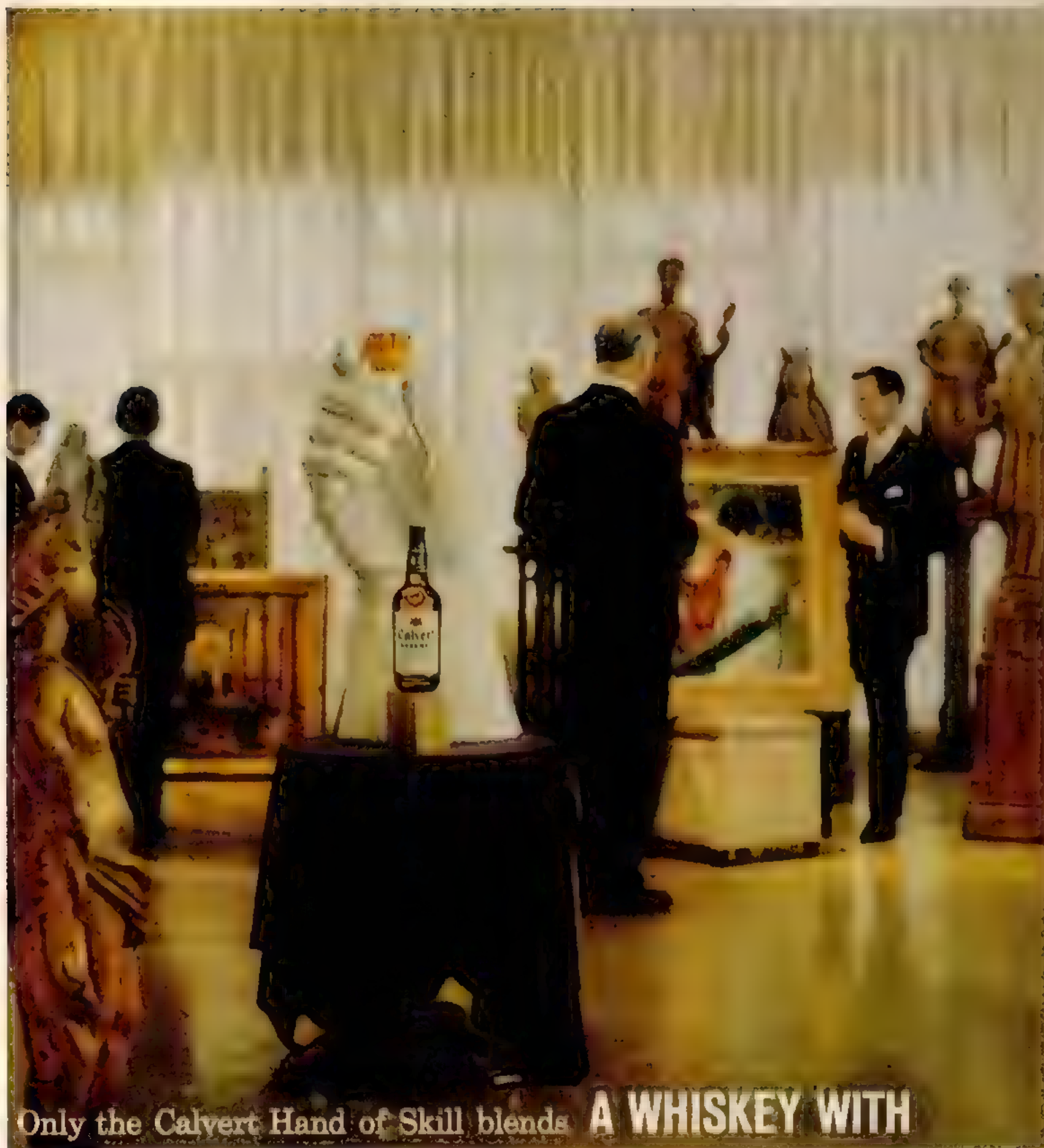
ORDINARY MATTRESS COMFORTS BACK ACHES



BEAUTYREST COMFORTS BACK ACHES



BEAUTYREST 
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Only the Calvert Hand of Skill blends **A WHISKEY WITH**

SO MUCH POWER TO PLEASE!

A work of art is our glimpse into another world—a vivid moment of wonder, color and limitless possibilities. Linger over this moment with Calvert Reserve, a masterpiece of the art of blending. Calvert combines

the full whiskey strength you want with the easy-going taste you've always hoped for. Try it yourself. No other whiskey has Calvert Reserve's power to please!

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clear heads agree it's better

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BOLSHOI'S BIG BEGINNING IN THE U.S.



POPULAR PIANIST at the party, Van Cliburn sits with two Bolshoi girls who had heard him in Moscow and urged him to come back and play there again soon.



BALLET'S HIGH MOMENT is watched by impresario Sol Hurok (silhouette, left). This is love scene with Ulanova lifted high by her Romeo, Yuri Zhdanov.

TWO GREAT DANCERS meet (below) at the party when Maria Tallchief, the best of this country's ballerinas, congratulates Soviet's Galina Ulanova (right).

IT was a meeting at the summit—of the proudest art of the Soviet with that art's most perceptive American audience—and a slight woman of unequalled grace turned the occasion into a personal conquest. She was Galina Ulanova, prima ballerina of the Bolshoi Ballet which opened in New York last week to give the U.S. its first look at the historic troupe of dancers from Moscow (LIFE, Feb. 23). Their three-hour-long *Romeo and Juliet* was overweighed with spectacle. But Ulanova and her colleagues were wonderfully light on their feet and the first-night audience—which included some of this country's best dancers, found much to cheer.

After basking in an 18-minute ovation, the dancers were off to a lavish party given for them by impresario Sol Hurok, who worked years to get the Bolshoi to the U.S. For his party he made up his guest list to match the famous visiting artists with equally famous artists of America. There the Bolshoi dancers enjoyed both the lavish helpings of caviar and champagne and the profusion of compliments that showered on them.

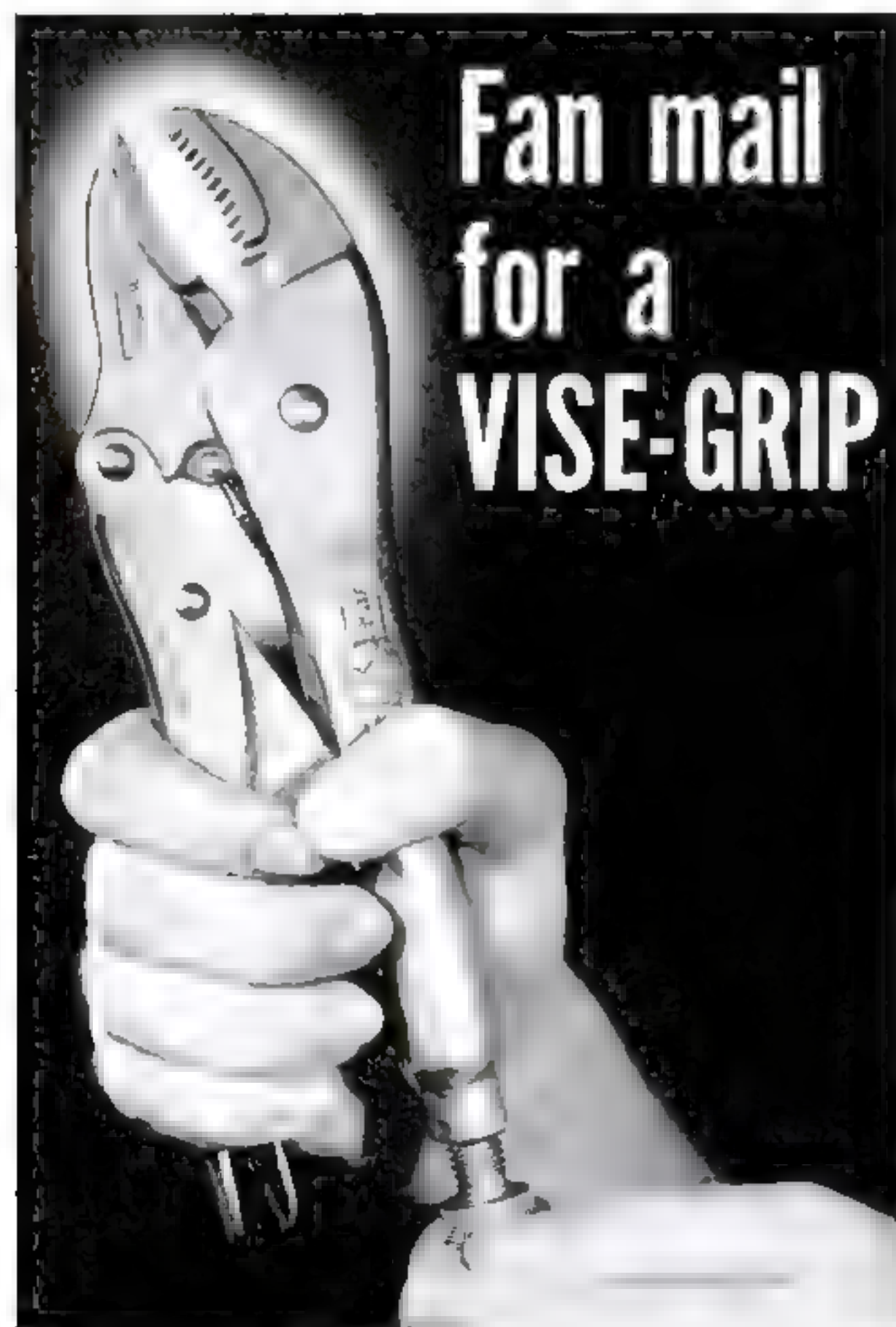


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OVATION FOR VISITORS brought main floor audience to its feet after Bolshoi performance at Metropolitan Opera House ended. Watching show from

flag-draped box was Soviets' ambassador to U.S., who invited impresario Hurok to stand when many in audience turned to applaud him for bringing troupe to U.S.



Fan mail for a VISE-GRIP

From all parts of the world come letters (even poetry) praising this tool for saving a life... or an hour of hard work... one time even a European honeymoon!

"At a recent rodeo, a Brahma bull broke a pin on his gate. I grabbed a Vise-Grip from my saddle bag and clamped it on the latch. It held, and these bulls weigh 1600 to 1800 lbs!"

—WEST COAST RODEO COWBOY

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"It saved 4 lives when a storm hit our cruiser one hour off Catalina and the rudder cable broke. I spied my Vise-Grip and clamped together a temporary rudder-tiller arrangement just in time. It held."

—CALIFORNIA BOATSMAN

"A bumpy road in Holland proved too much for the luggage rack on my new sports car. Suitcases all over the road! And a tearful bride! I clamped a Vise-Grip on the broken braces, loaded up, and we continued our European honeymoon undisturbed."

—NEW YORK AERONAUTICAL ENGINEER

"I am 84 years old. But still I would have to keep a record for a year to tell all the uses I have found for this tool."

—FURNITURE REPAIRMAN

"I wouldn't take \$159 (the cost of all my other tools) for my Vise-Grip."

—TENNESSEE FARMER

These letters—and hundreds more—are almost unbelievable in their praise of this unique tool called Vise-Grip. That's the strange part of it! You have to buy a Vise-Grip, and use it at every conceivable task, before you can appreciate why it is called "the world's most useful hand tool." Really a whole tool kit by itself!

Absolutely nothing can describe the feeling of confidence, of *strength*, of new "skills" you get when you pick it up and use it... around the house, in the shop, in the yard, hunting, boating, fishing. (You'll find out what we mean.)

Vise-Grips are sold at better hardware stores everywhere. Only \$2.15 to \$2.95.

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What have you discovered lately?

A lady can go a lot of places . . . get a lot of new ideas . . . do a lot of shopping in the pages of her favorite magazines.

Every story . . . every advertisement is an invitation to learn, to dream, to question, to form an opinion—at your own pace, in your most comfortable chair.

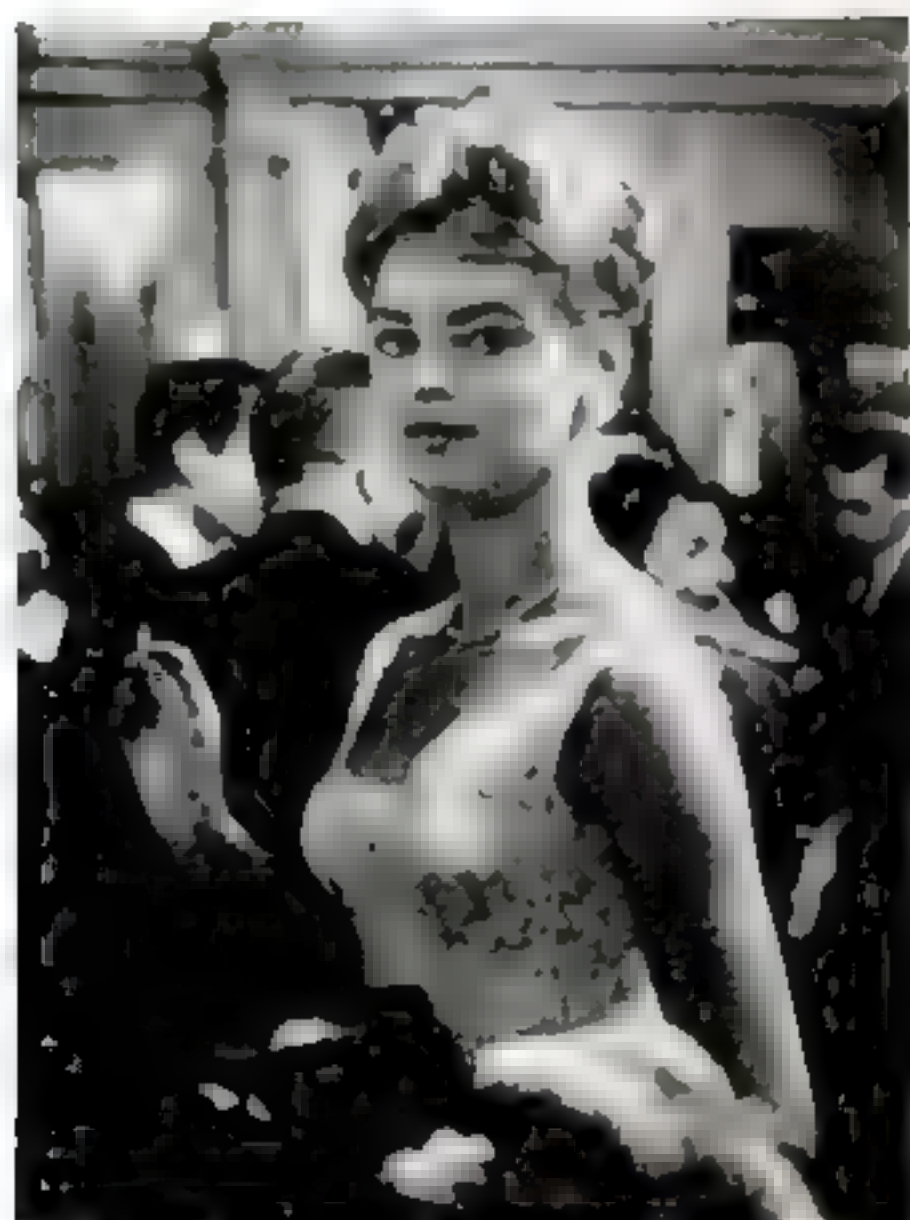
No wonder so many of your shopping decisions are made here. Where you can gather facts about everything from air travel to zippers; where you can “try them all on” to see which suits your family’s needs and budget best.

You stop, perhaps, to savor a spectacular new soufflé . . . to redecorate the kitchen (*and* the bath?) . . . to dress your youngsters with the latest wash-and-wear chic . . . to pose your husband in (well, why not!) a salmon-pink car.

If you’re like most busy homemakers you *make* time for your favorite magazines. That’s because nowhere else can you make so many discoveries so quickly.

Discoveries that stir your imagination . . . sharpen your eye for value . . . send you to the store a smarter shopper.

Another example of how advertising helps everybody. TIME INC., publisher of LIFE, TIME, FORTUNE, SPORTS ILLUSTRATED, HOUSE & HOME, ARCHITECTURAL FORUM and International Editions of LIFE and TIME.



ADDED ATTRACTION at the opening was Vice-
countess Claire Dumesnil, who stood out even in an
athletic pin for ravens. Beautifully gowned women



EMOTIONAL MEETING occurs as Chlurn con-
gratulates Yuri Fier, nearly blind Bolshoi conduc-
tor. Between is Philanthropist Frederick R. Mann

SHOW BUSINESS PAIR Marlene Dietrich and
Noel Coward came to help together, were among
the most enthusiastic applauders when it ended.





Lightest topping for fruit! $\frac{2}{3}$ less calories! 1¢ a serving!

Yours because you can whip Carnation Instant!

Now, enjoy lots of delicious topping — often! $\frac{2}{3}$ less calories than whipped cream, costs so little! The secret is Carnation Instant Nonfat Dry Milk — the “Magic Crystals” Instant that *whips*!

This amazing new crystal-form of fresh nonfat milk fluffs into the lightest topping ever. And makes the best chiffon pies, frozen desserts, sauces and dressings you ever enjoyed! In *any* recipe that calls for

whipped cream use delicious calorie-light whipped Carnation Instant.

This is the fresh-flavor Instant that’s delicious for drinking, so handy for all your cooking and baking. Mixes instantly, even in ice-cold water. The modern way to all the protein, calcium and B-vitamins of freshest whole milk. Try the *only* “Magic Crystals” Instant — 3-qt., 8-qt. and 14-qt. sizes. Costs as little as 8¢ a quart!

CARNATION INSTANT WHIPPED TOPPING
(Makes about 2½ cups)

1. Mix $\frac{1}{2}$ cup Carnation Instant Nonfat Dry Milk “Magic Crystals” with $\frac{1}{2}$ cup ice water.
2. Whip until soft peaks form (3-4 minutes). Add 2 tablespoons lemon juice.
3. Beat gradually adding $\frac{1}{4}$ cup sugar until stiff peaks form (3-4 minutes longer).

Directions for whipped topping — and new fruit flavor whipped Carnation Instant on package.

The Instant that’s delicious for drinking...is delicious for whipping, too!

MISCELLANY



A TRUE MONKEY SHINE

People who are accustomed to the display of humanlike emotions and attitudes in the monkey house of the Bronx Zoo are startled when they first encounter the uakari (pronounced waka'ri). He stares out at them from a face flushed, perhaps, with humiliation. Whatever the reason, the uakari's sad countenance continually glows like a stop light. And

he does appear to have plenty to be embarrassed about. His tail is woefully short by monkey standards and his nose is bashed in. He is one of the few of his species to be taken to the zoo from the jungles of Brazil. Natives there who are used to seeing the uakari's gaudy face in the treetops say that if you really want to see a uakari light up, get him mad.



Walker's DeLuxe—a party to your pleasure. You and your guests will enjoy the company of this unusually urbane straight bourbon whiskey. Born of Hiram Walker's finest stock, schooled to a gentle maturity through **8 years** in charred oak. No finer bourbon was ever casked. Walker's DeLuxe is the name; get acquainted soon!

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A new idea in smoking!



Salem refreshes your taste

menthol fresh
rich tobacco taste
modern filter, too

A patch of sunlight... the gentle rays of Springtime... the air is mild and woodland-fresh... and from a pack of Salems comes a taste as fresh and clean. For here is a new idea in smoking... a cigarette that refreshes your taste as Springtime refreshes you. Through Salem's pure-white filter flows the freshest taste in cigarettes... rich tobacco with a new surprise softness. Smoke refreshed... smoke Salem!

Created by R. J. Reynolds Tobacco Company.